

Fig. 1

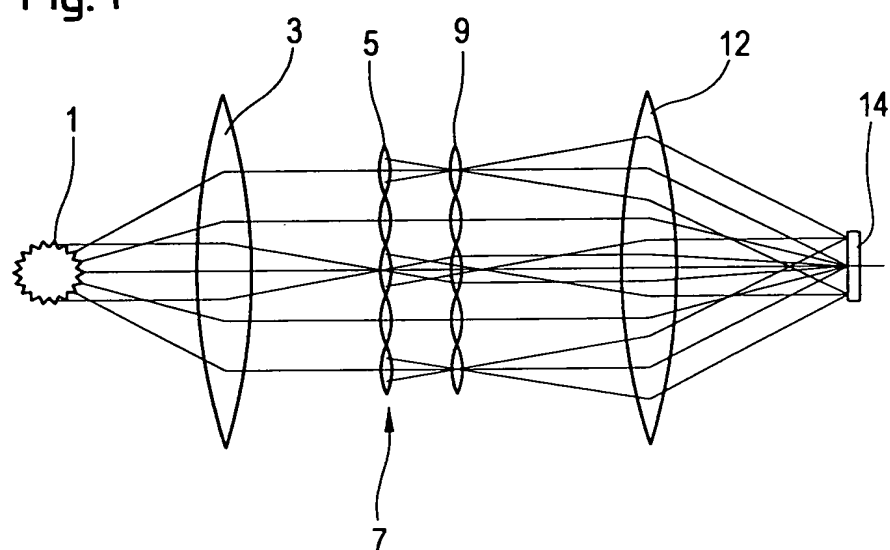


Fig. 2a

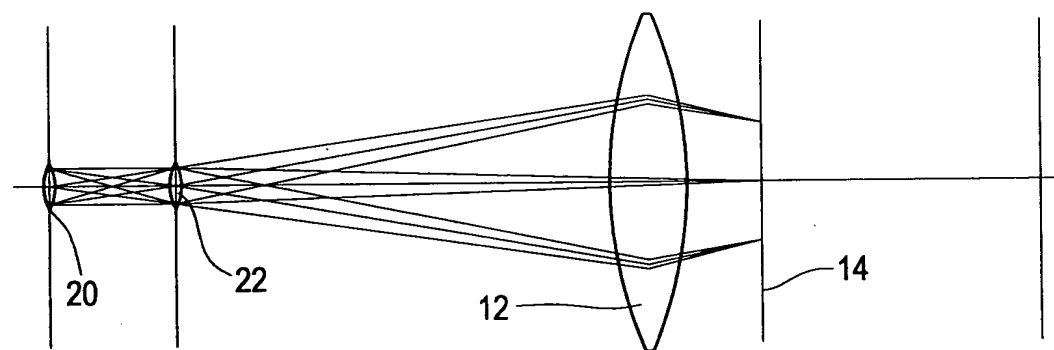
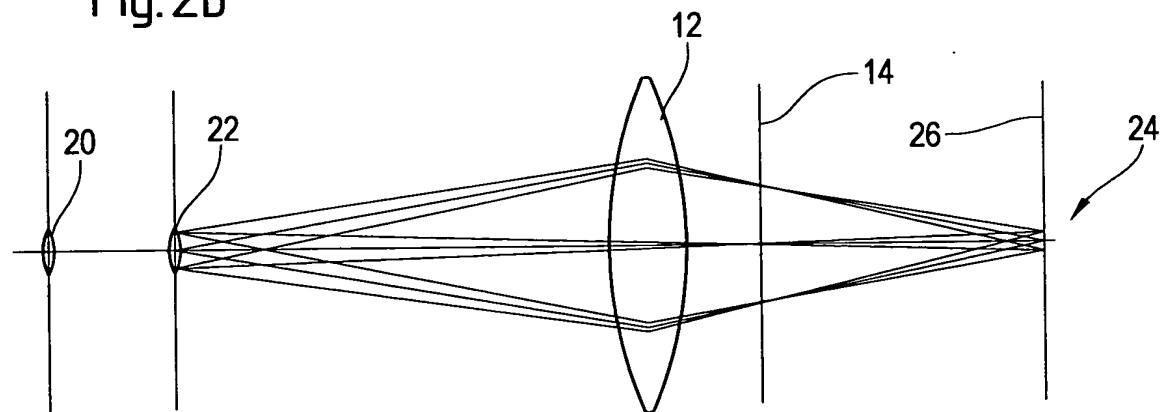


Fig. 2b



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Fig.3

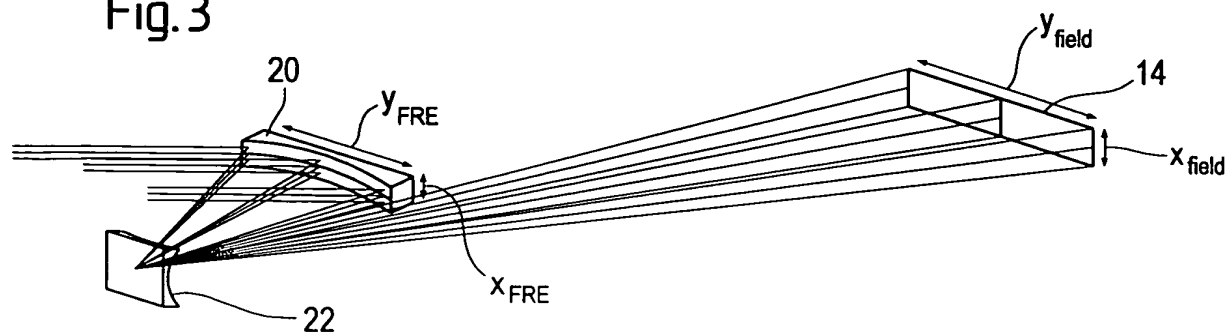


Fig.4

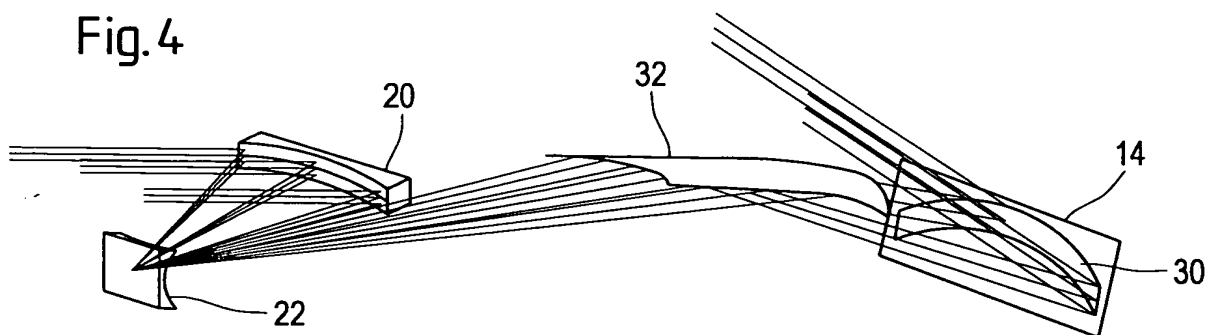


Fig.5

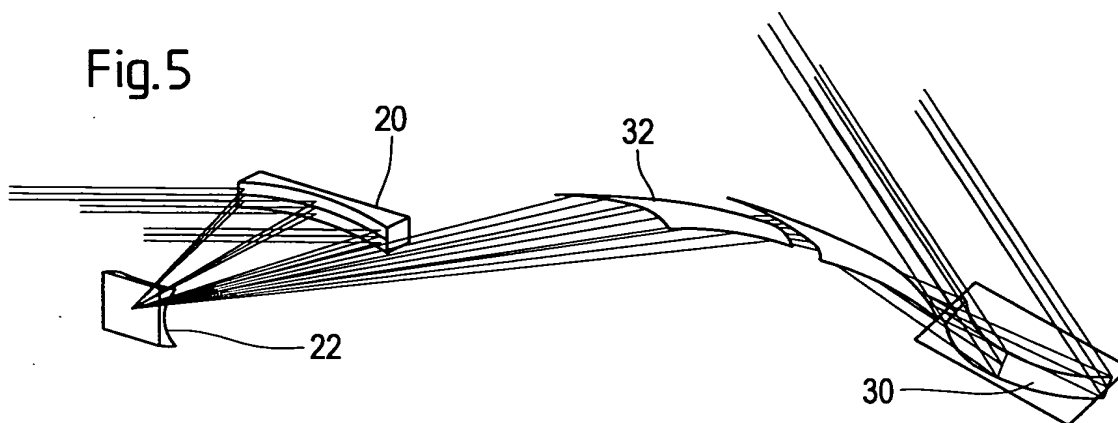
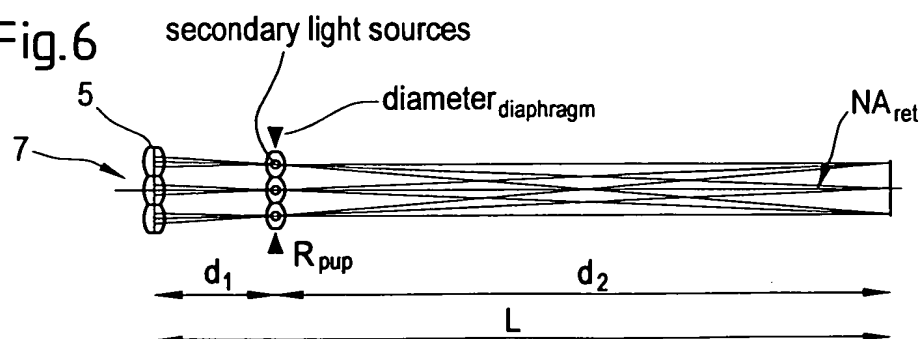


Fig.6



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Fig. 7

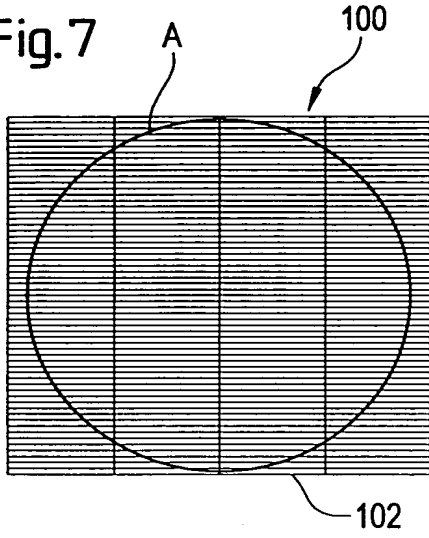


Fig. 8

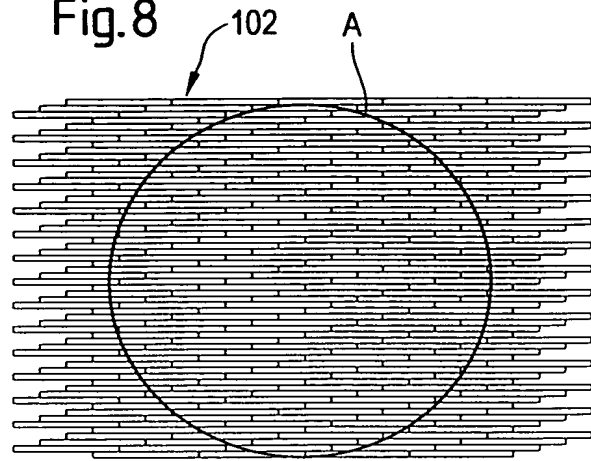


Fig. 9

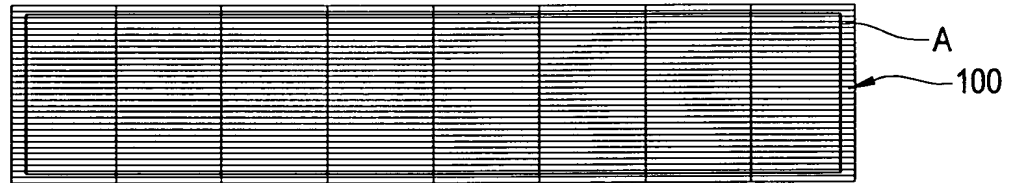


Fig. 10

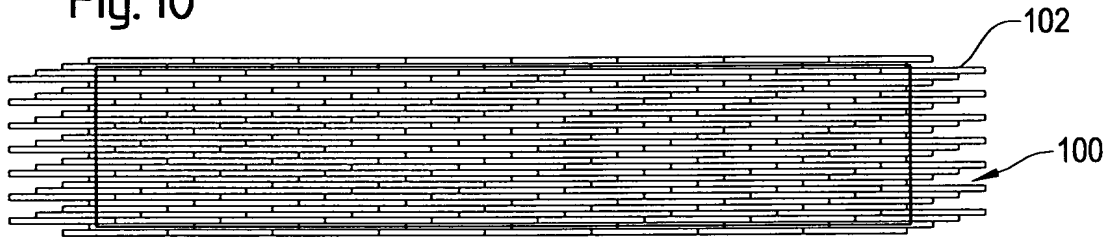


Fig. 11

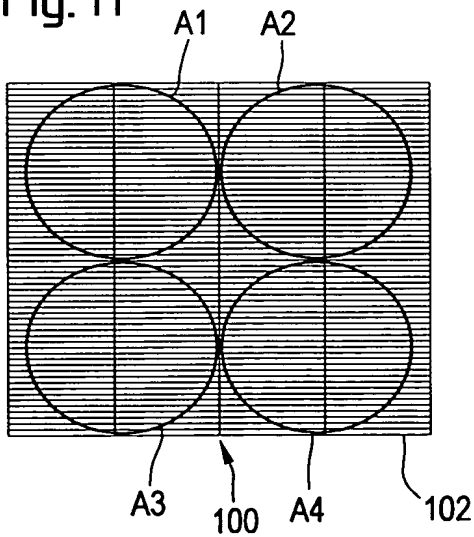


Fig. 12

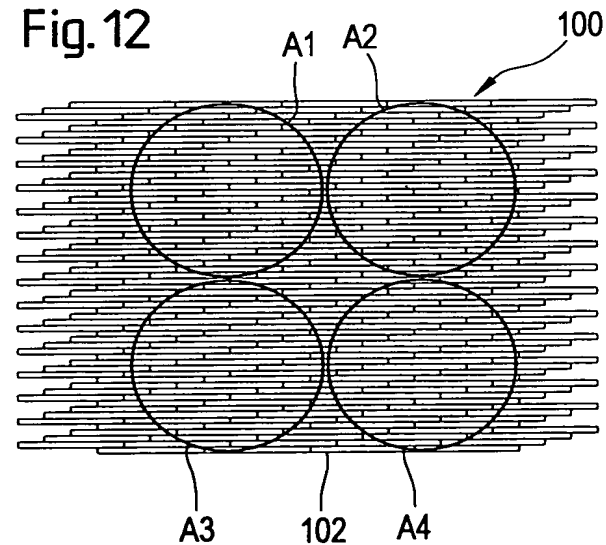


Fig. 13

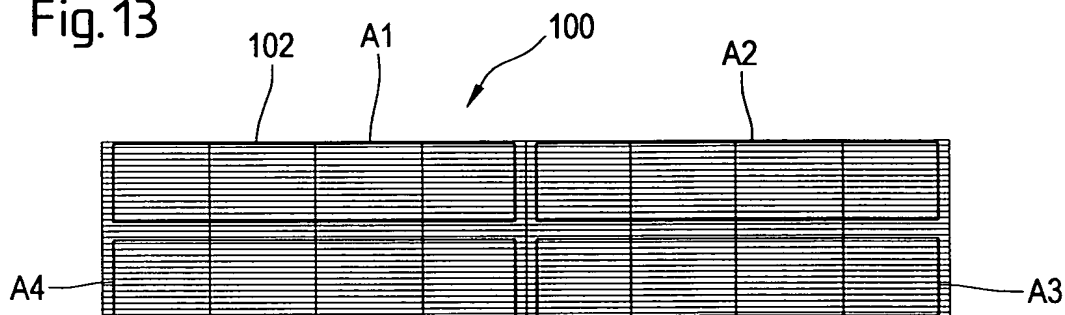


Fig. 14

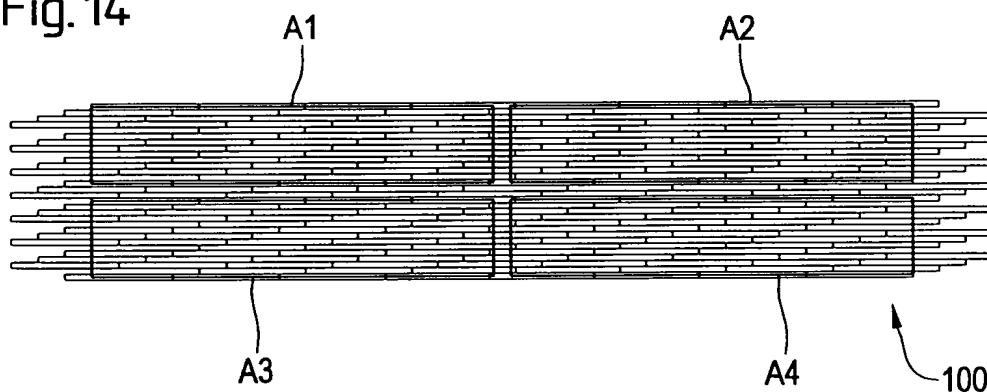


Fig. 15

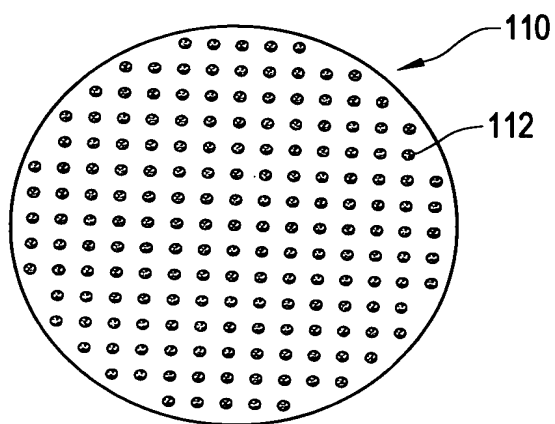
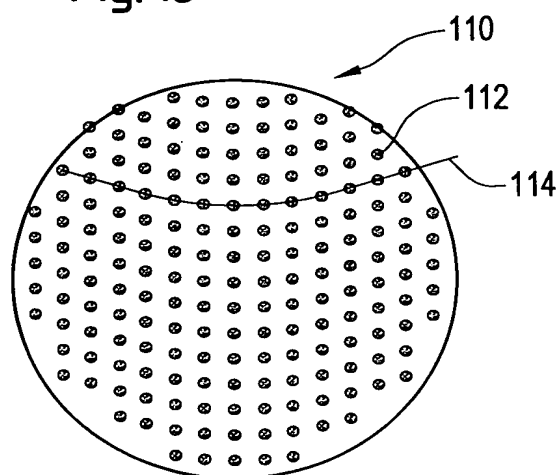


Fig. 16



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Fig.17

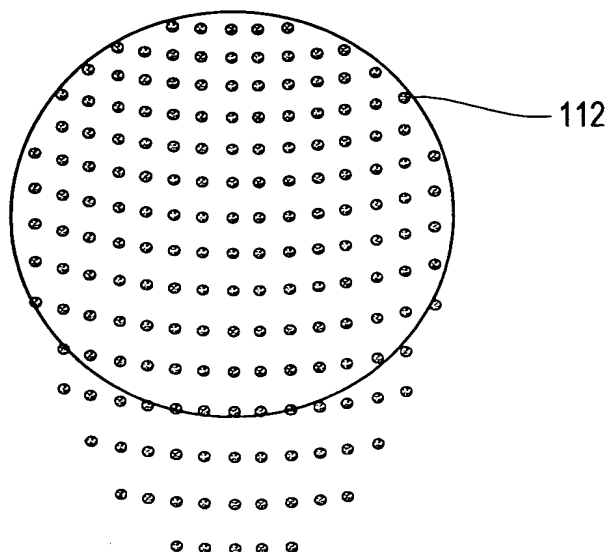


Fig.18

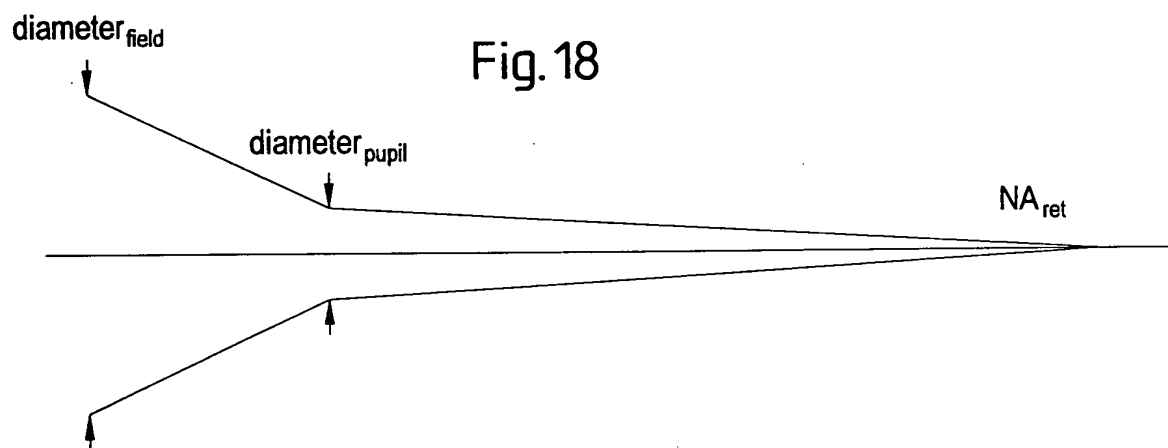
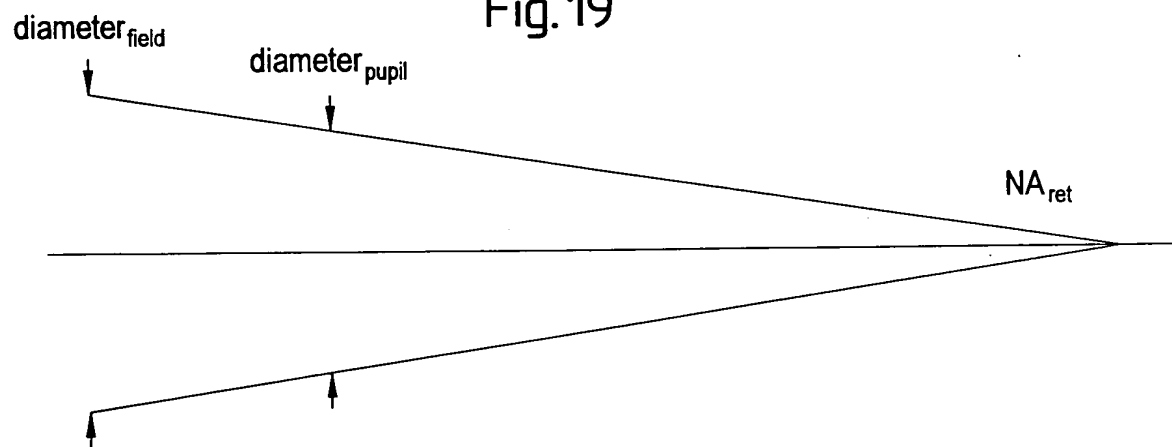


Fig.19



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Fig. 20

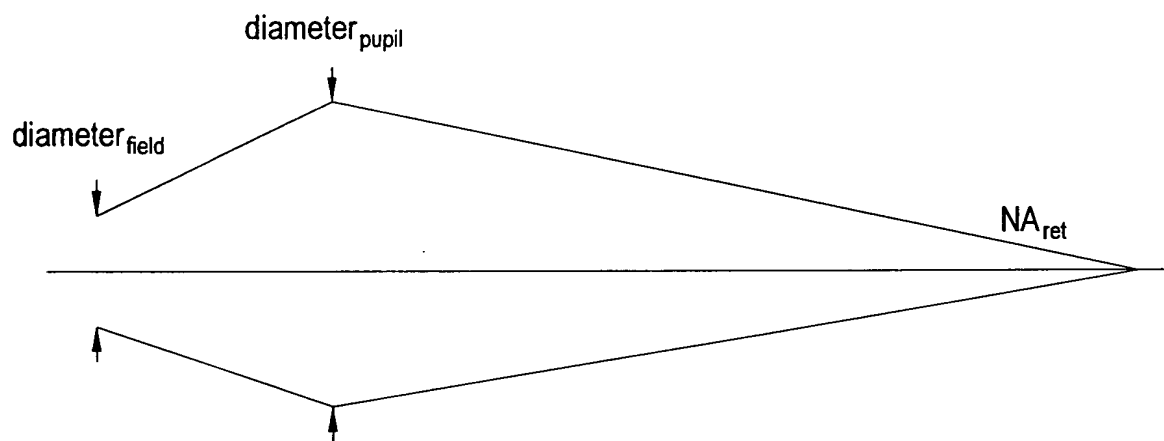


Fig. 21a

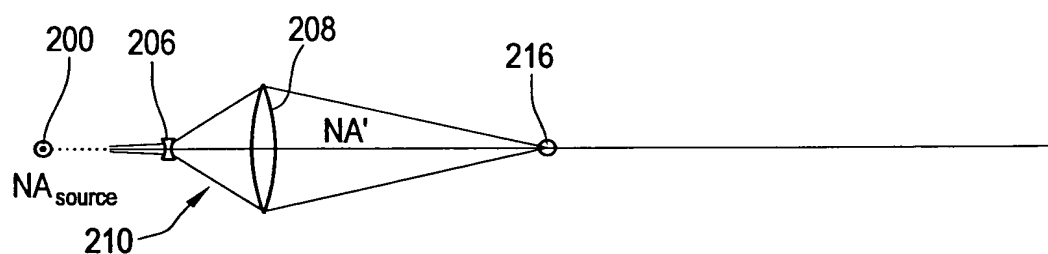
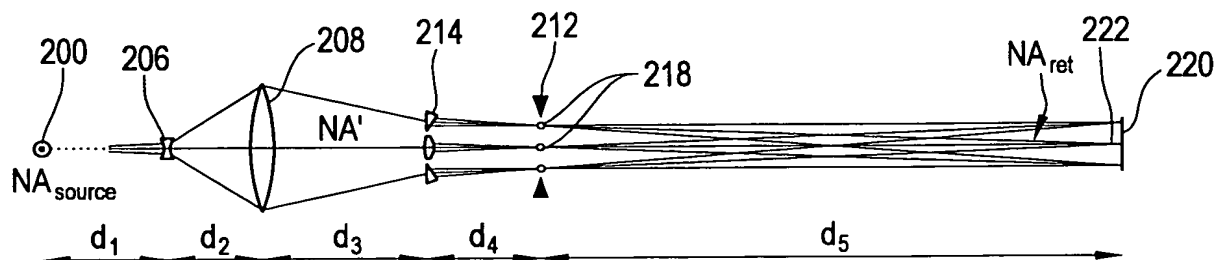


Fig. 21b



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Fig. 22a

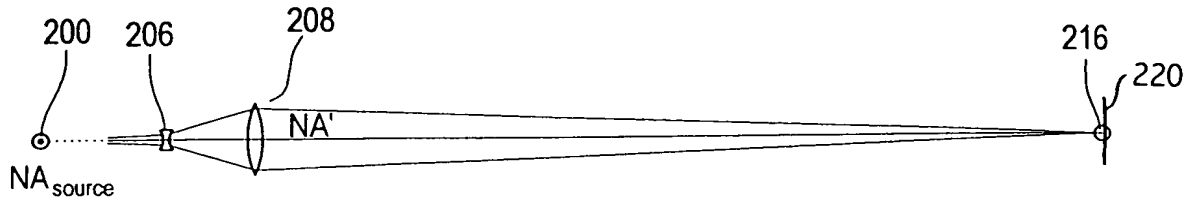


Fig. 22b

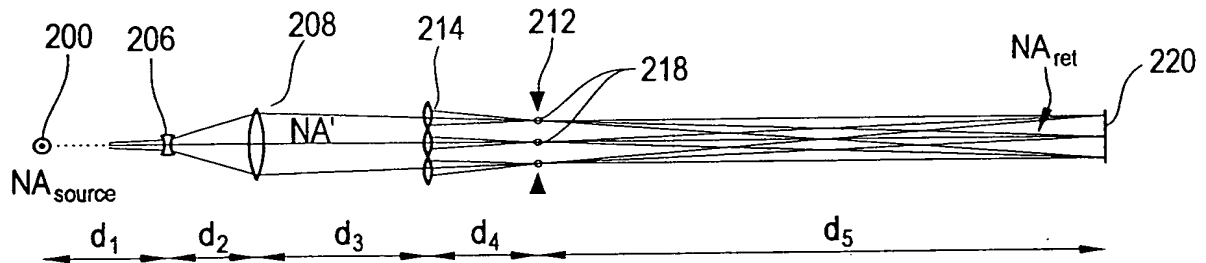


Fig. 23a

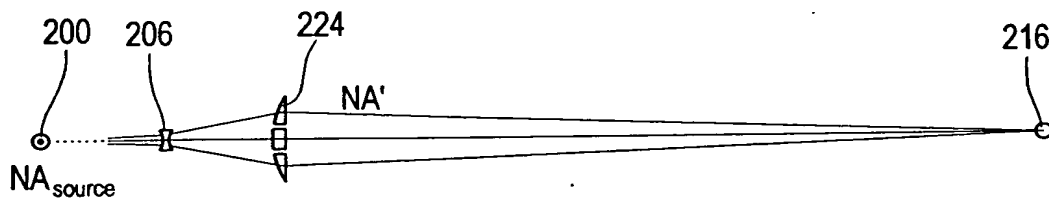
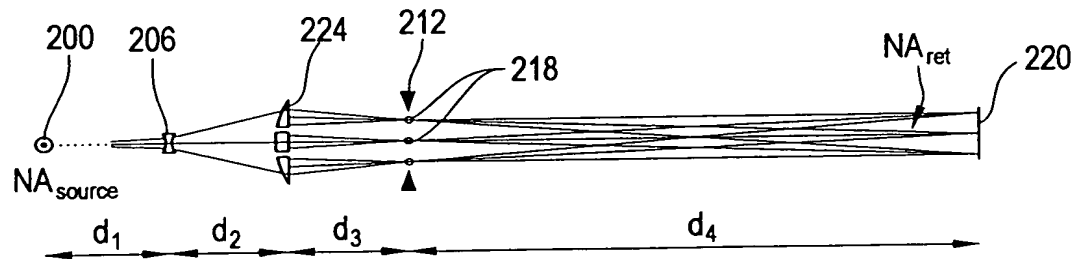


Fig. 23b



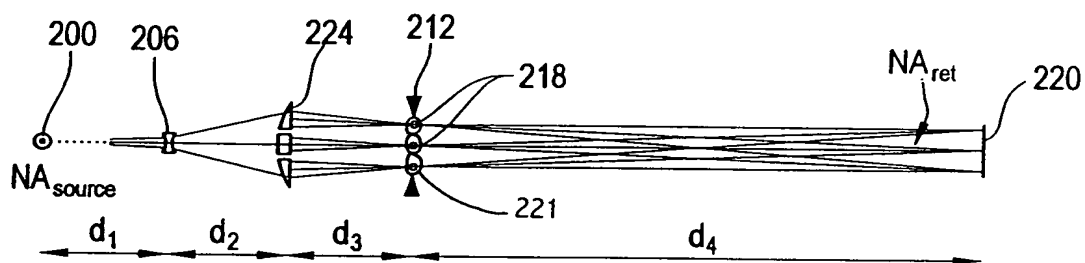


Fig. 23c

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Fig.24

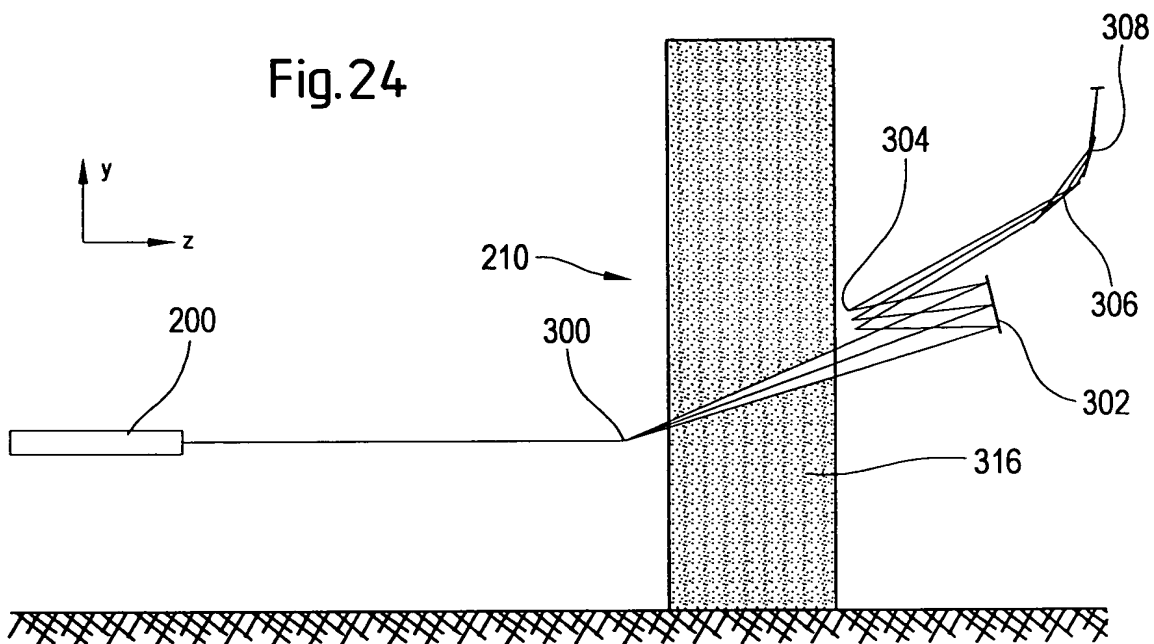
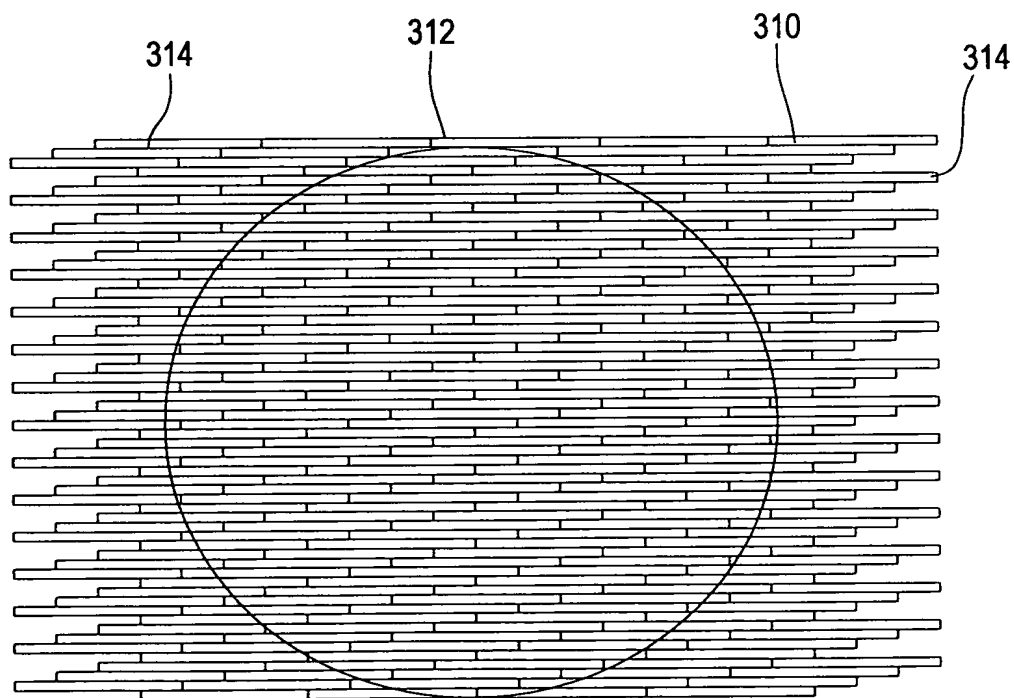


Fig.25



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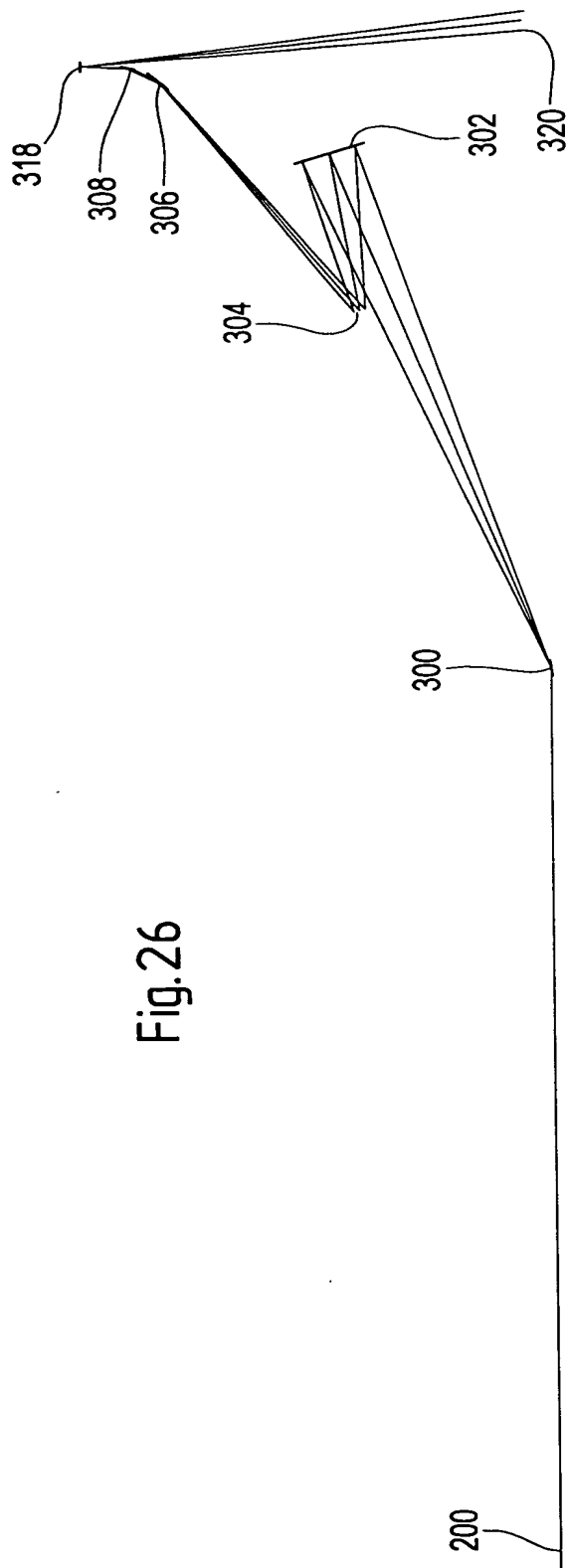
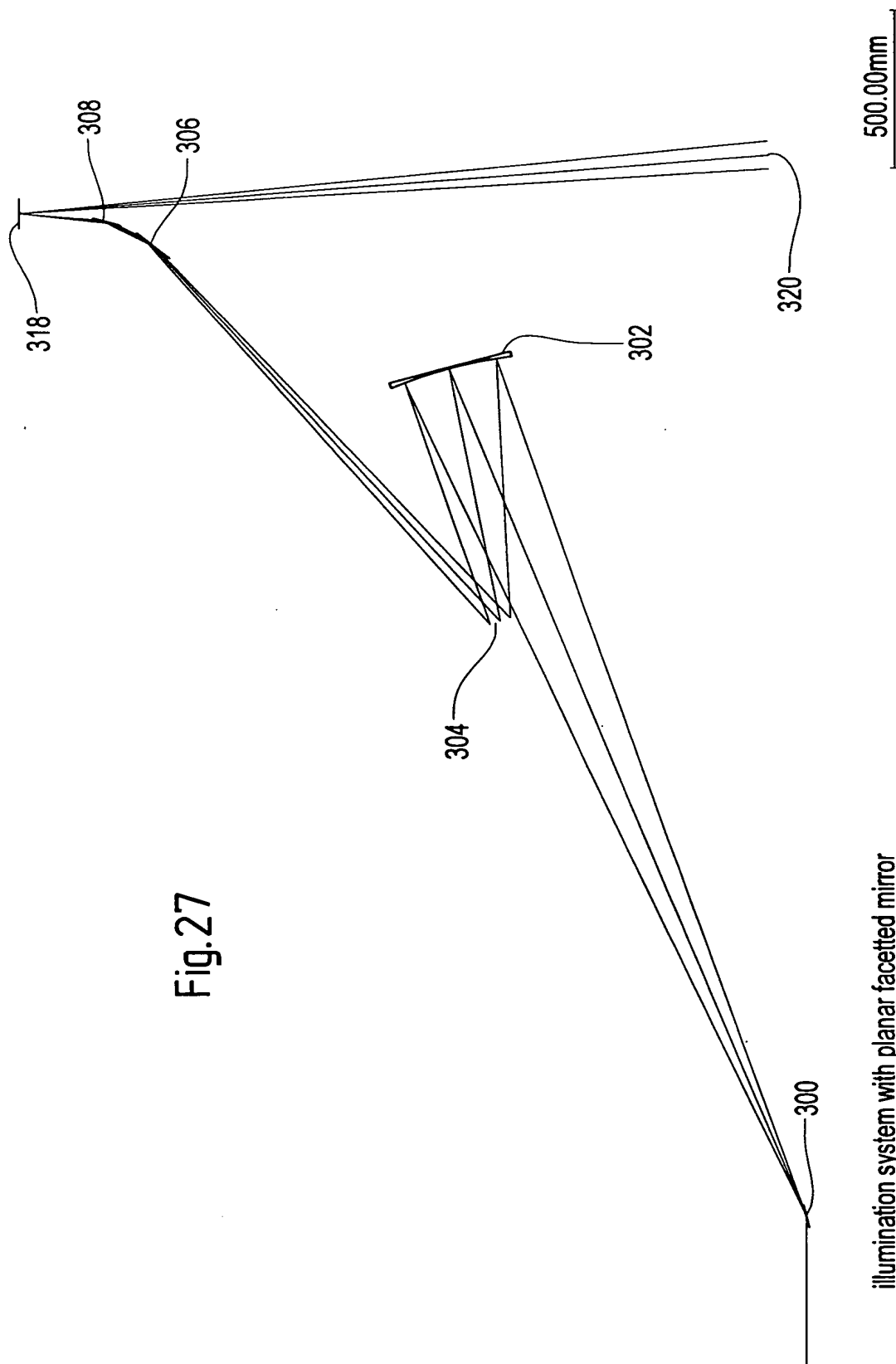


Fig. 26

illumination system with planar faceted mirror

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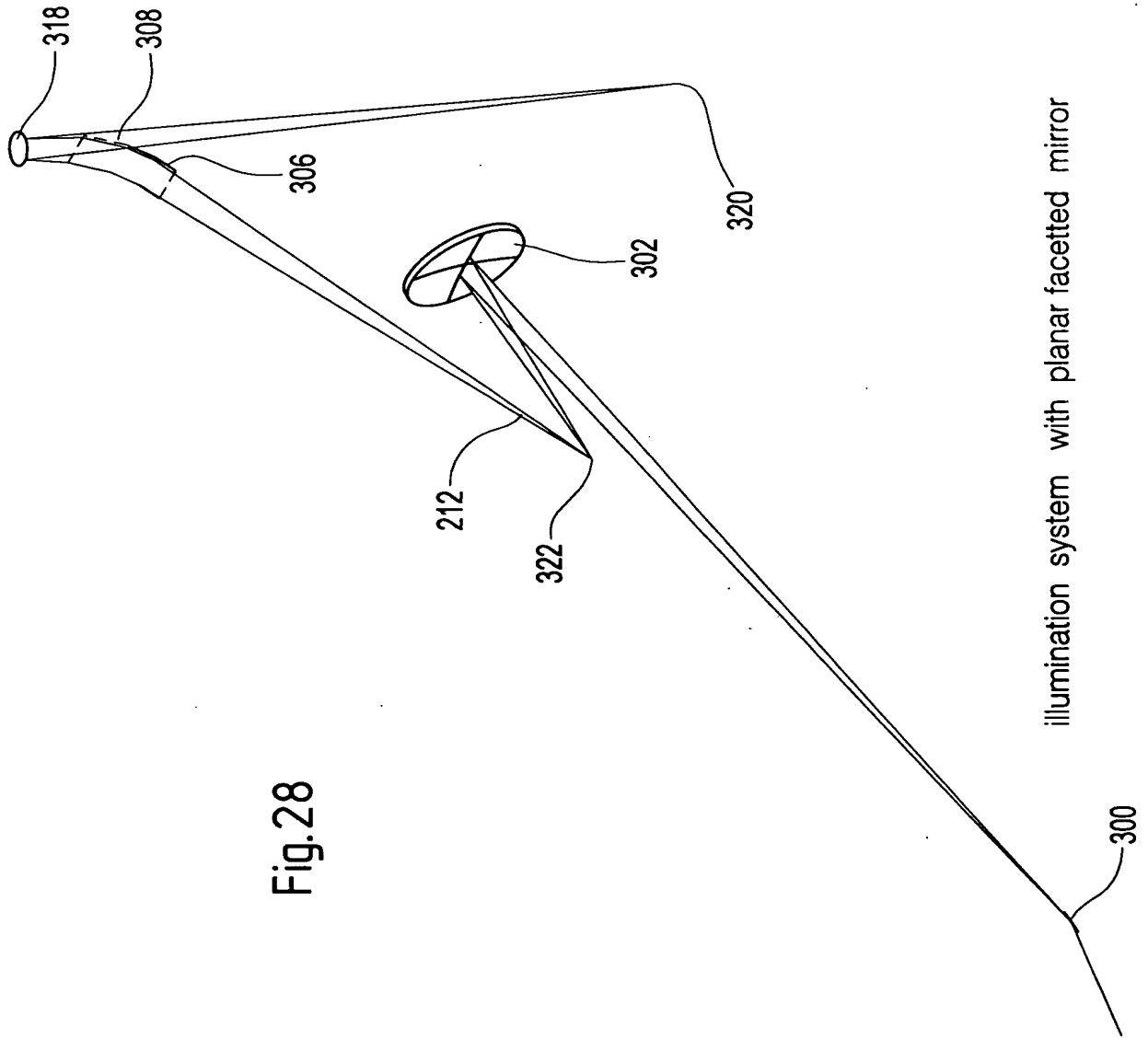
Fig.27



illumination system with planar faceted mirror

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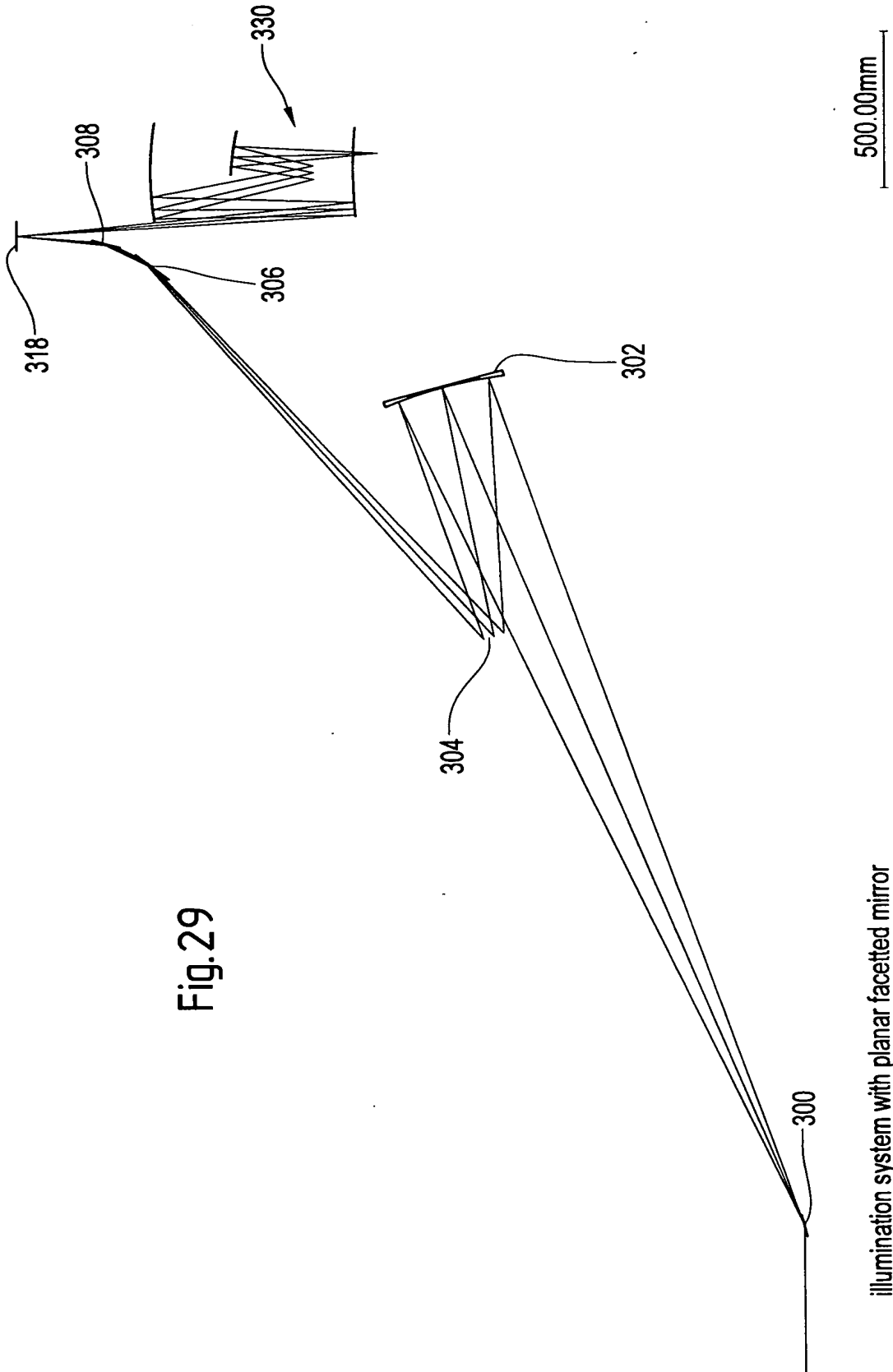


Fig.29

illumination system with planar faceted mirror

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Fig.30

illumination of the reticle with planar faceted mirror

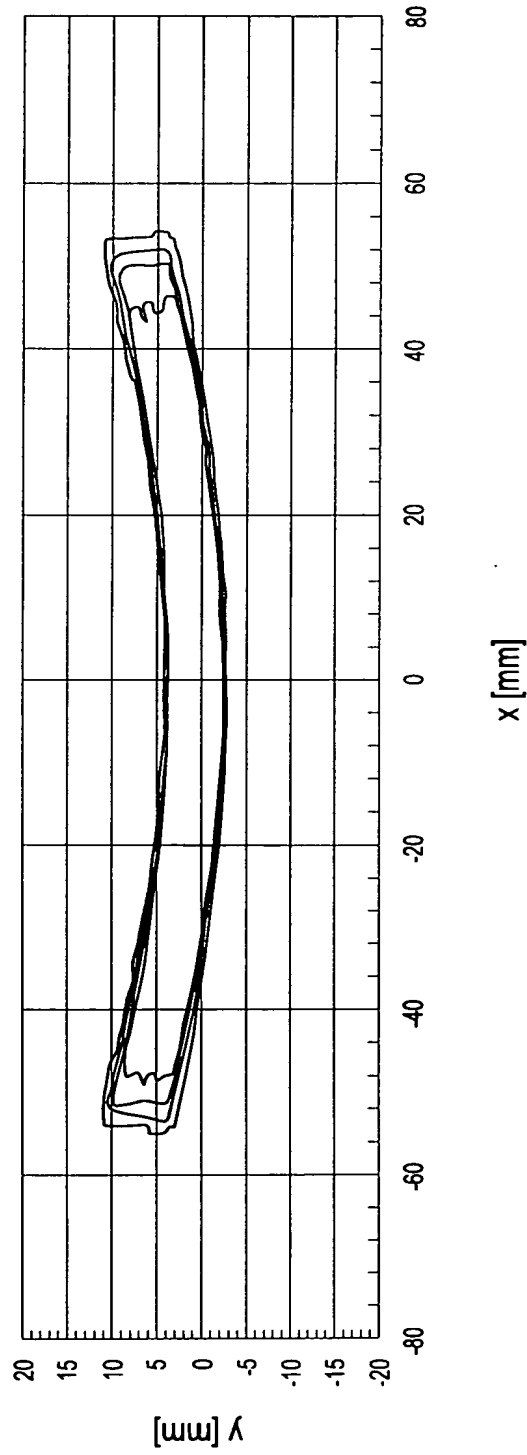


Fig.31

intensity in scanning direction

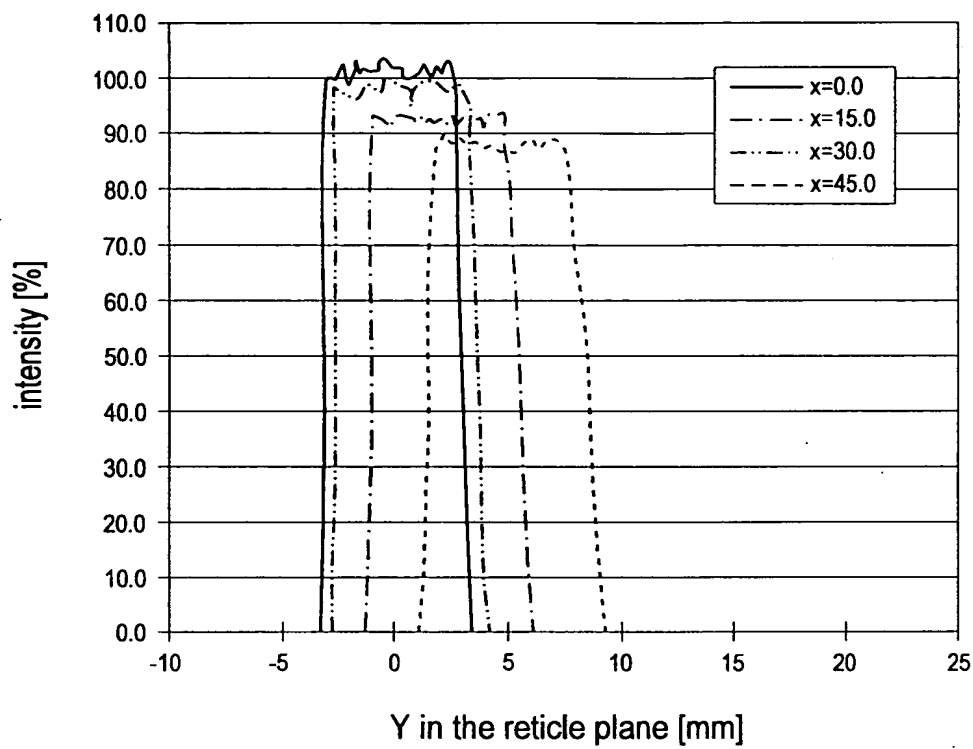
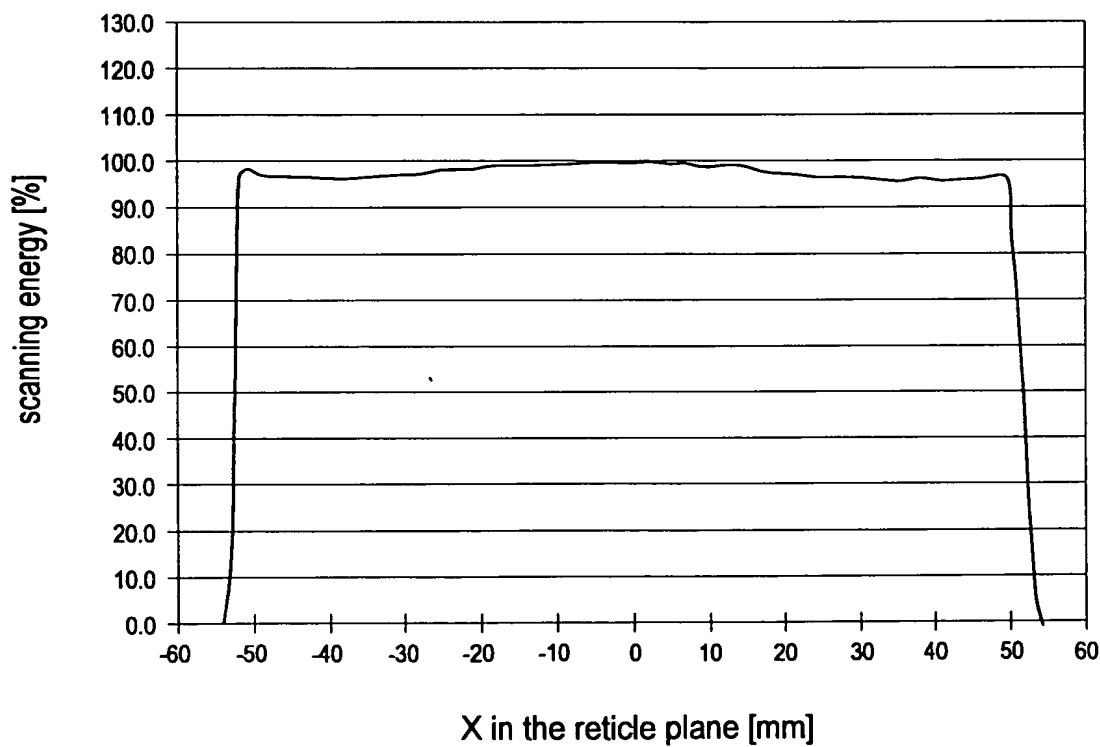


Fig.32

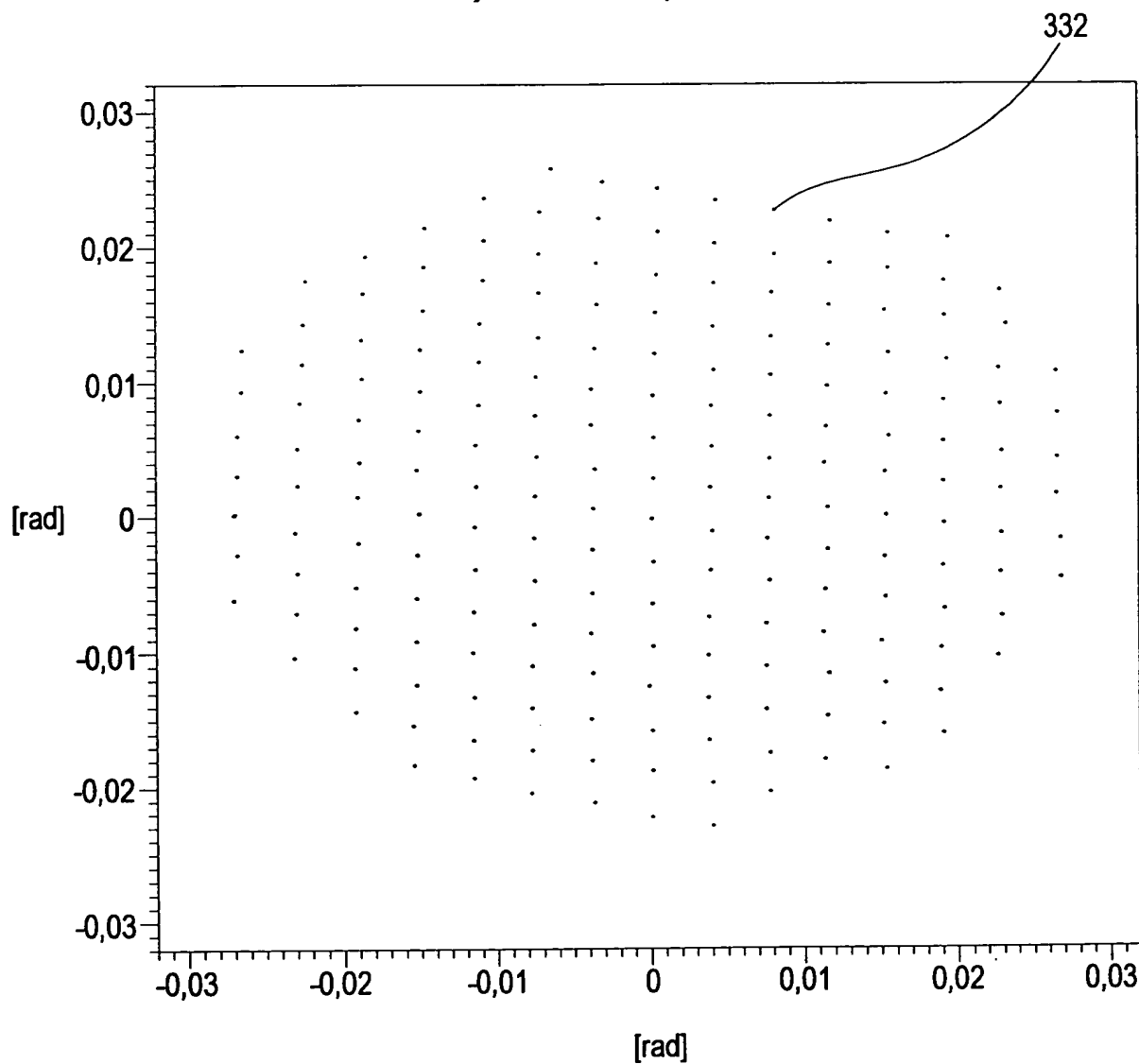
integral scan energy in the reticle plane



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Fig.33

illumination system with planar faceted mirror



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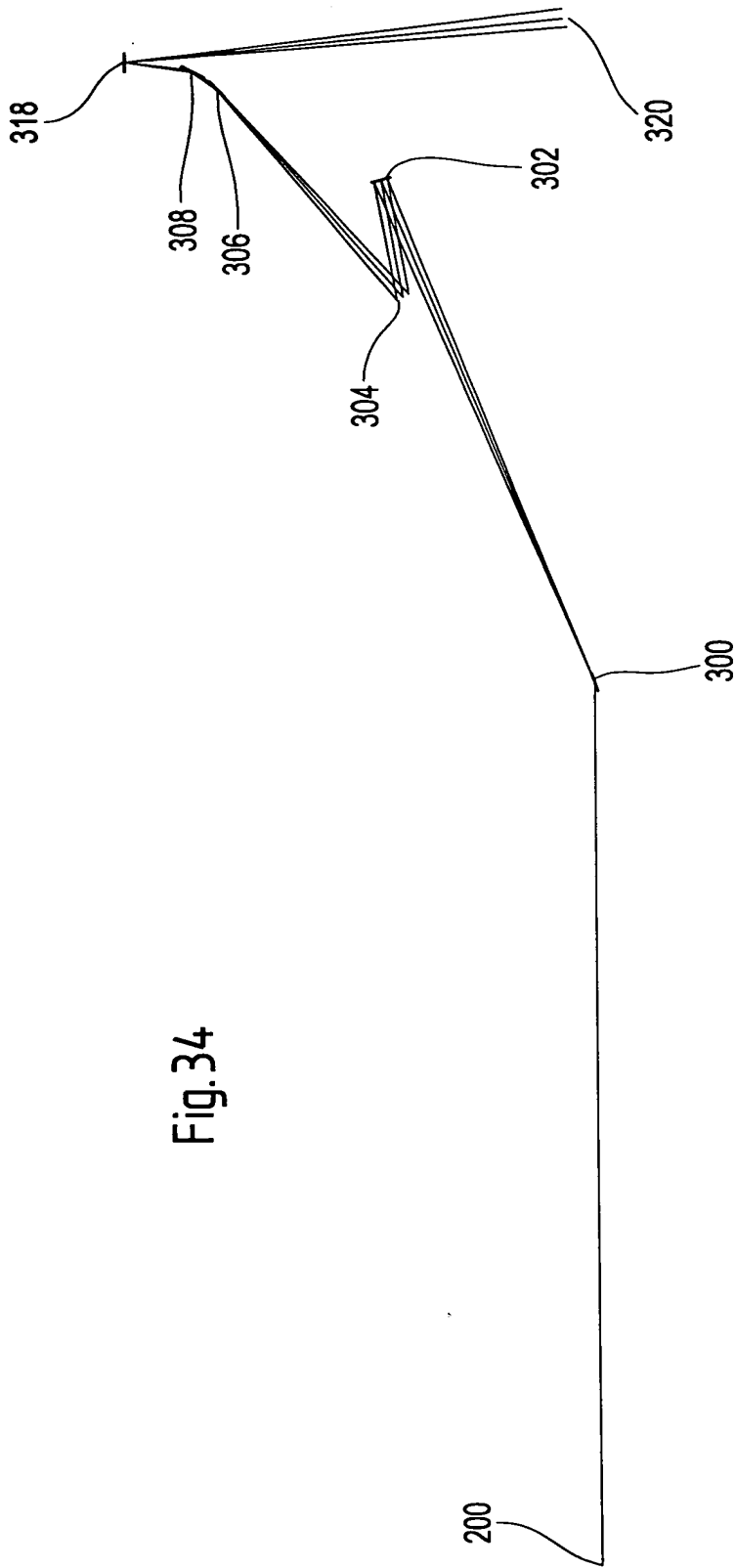


Fig. 34

faceted mirror in a convergent beam path

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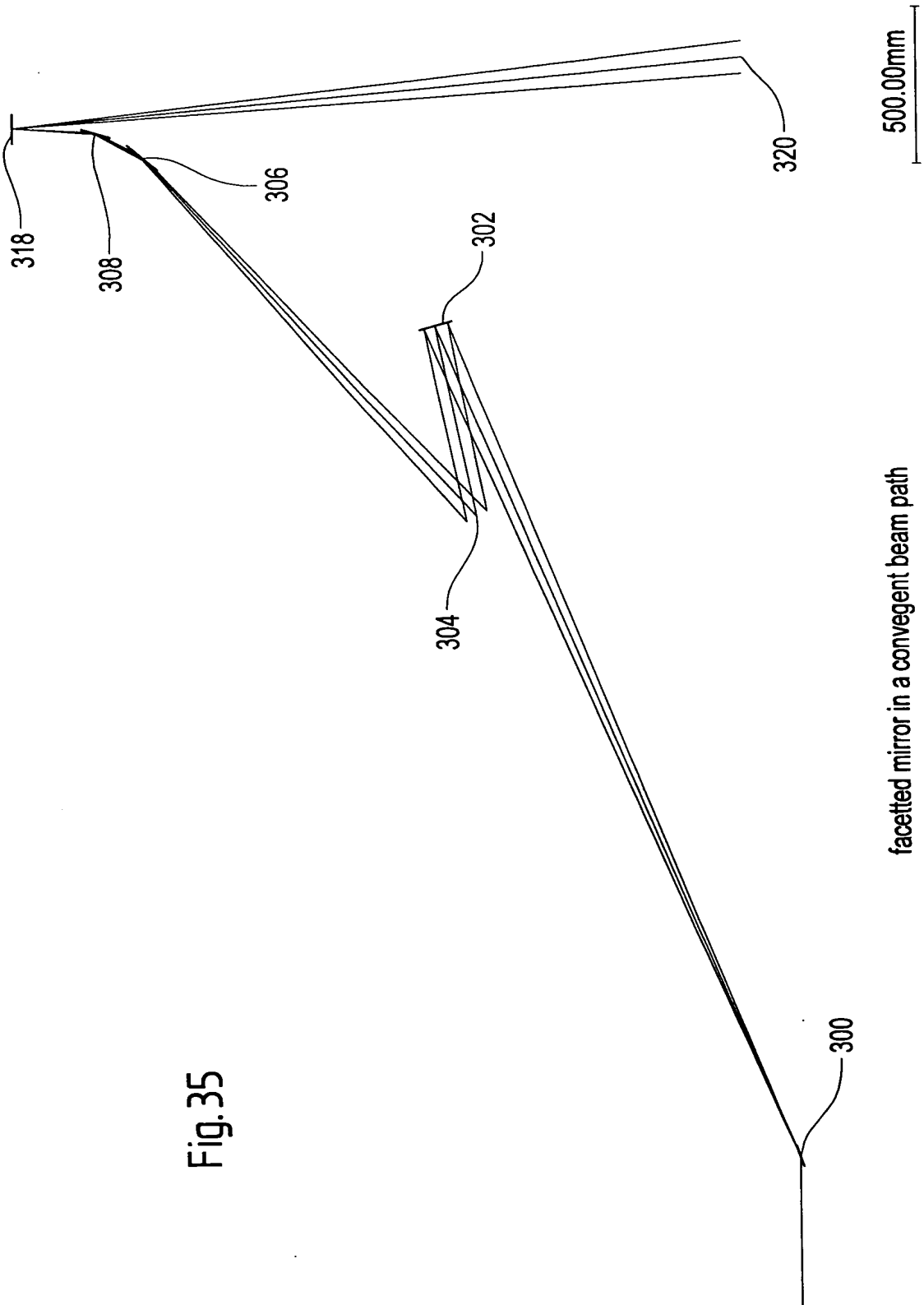


Fig.35

2044020" 02405001

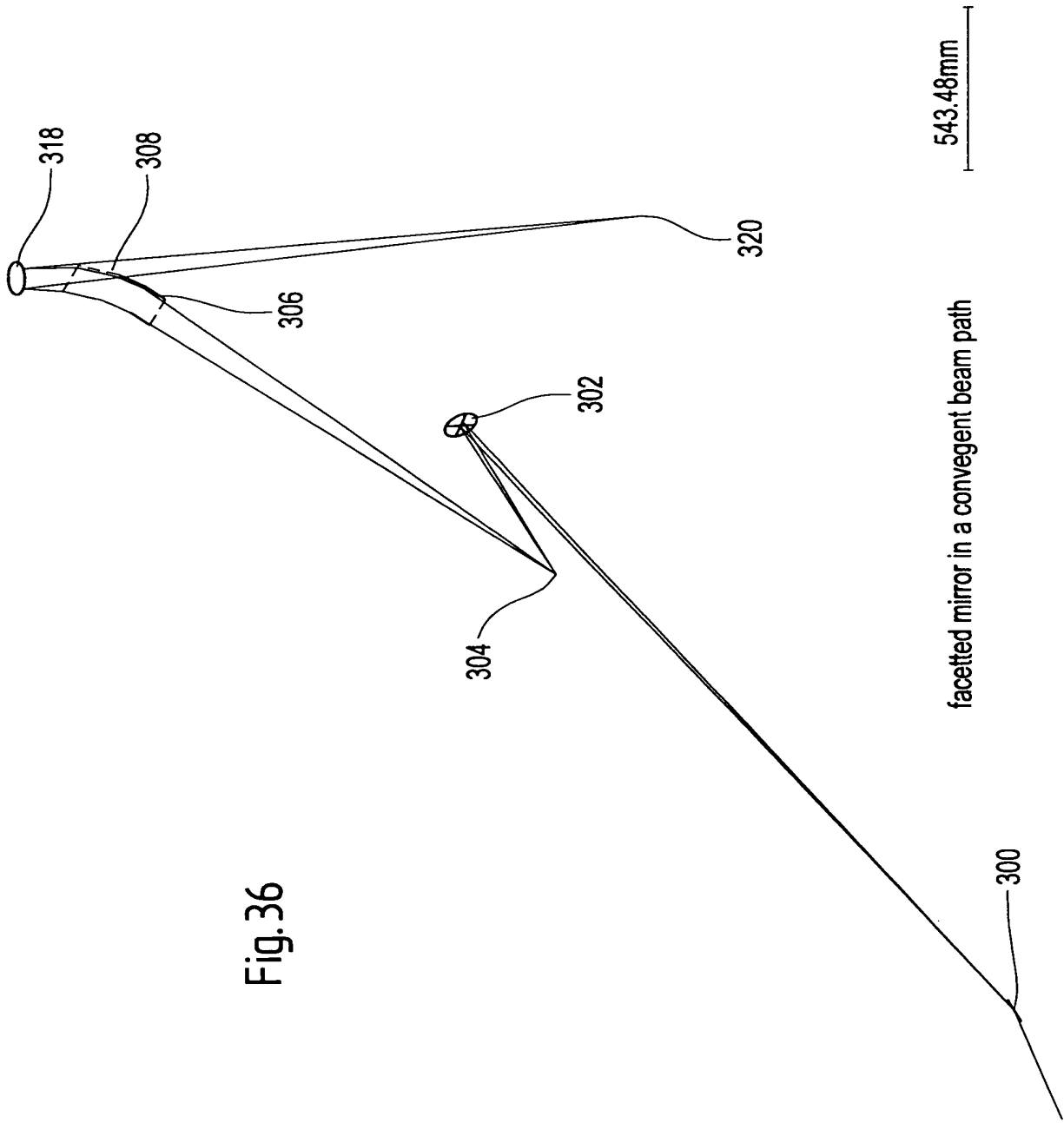


Fig.36

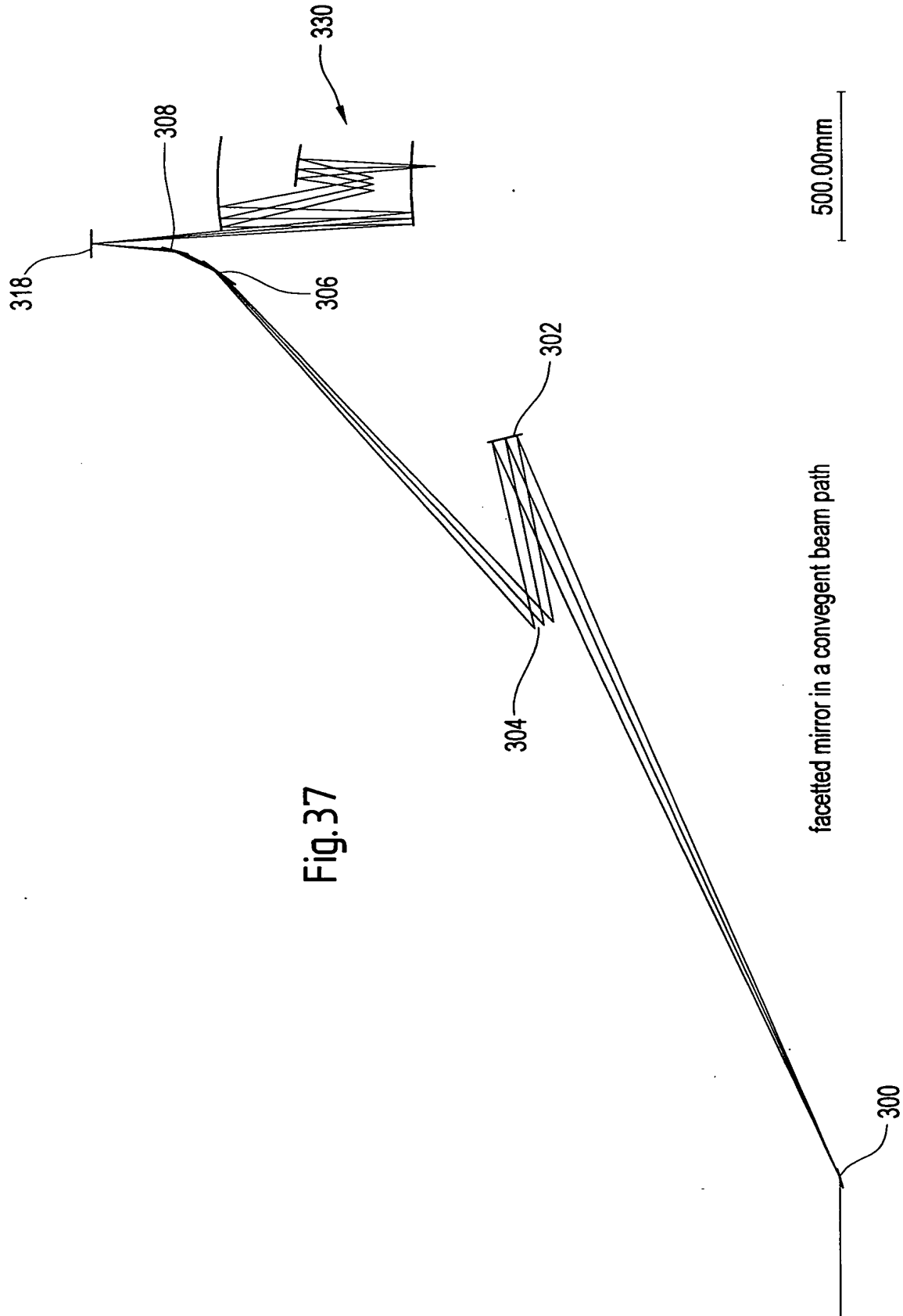


Fig.37

Fig.38

illumination of the reticle with facettted mirror in the convergent beam path

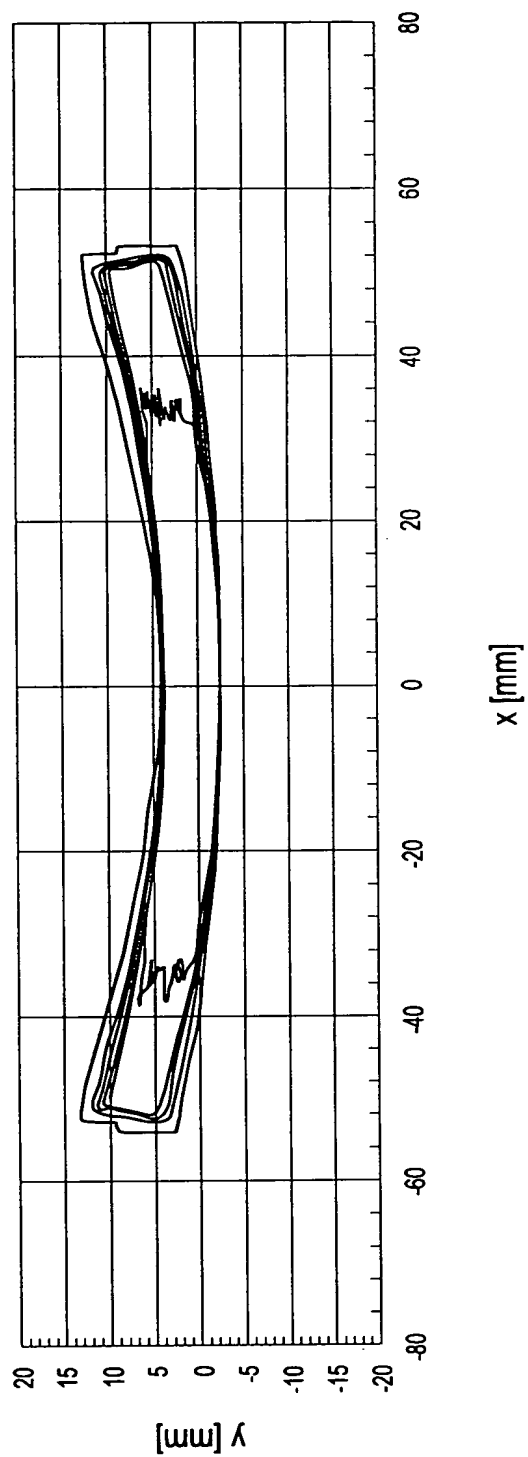


Fig.39

intensity in scanning direction
with facettted mirror in a convegent beam path

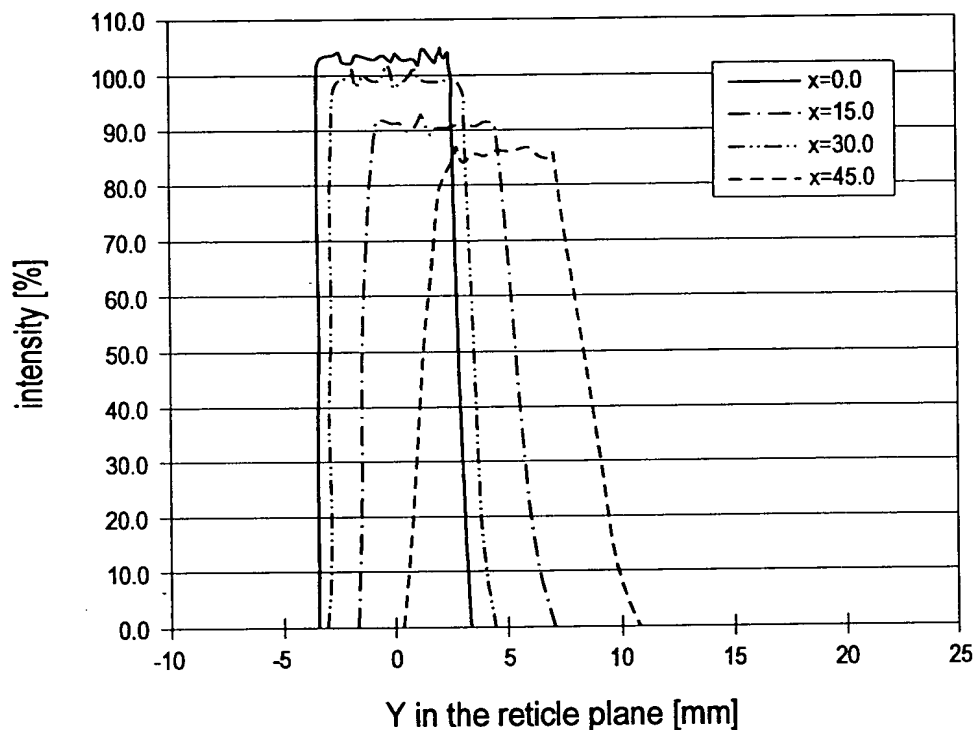


Fig.40

integral scanning energy in the reticle plane
with facettted mirror in a convegent beam path
with a field mirror for a 30°-field Undulator-source

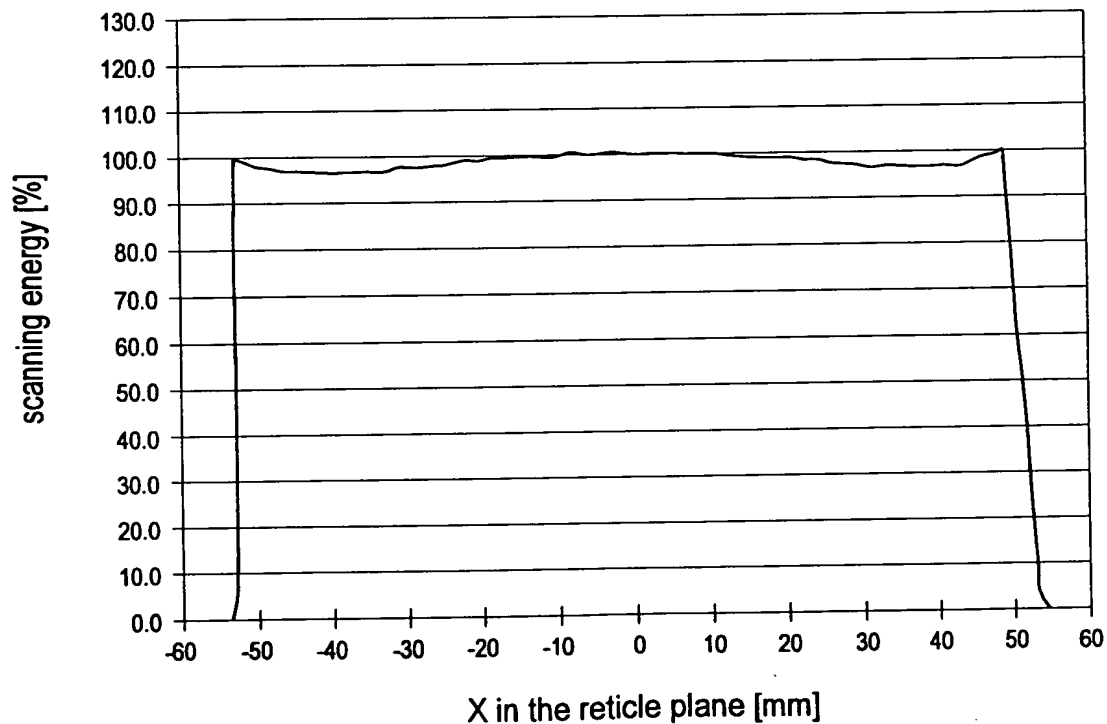


Fig.41

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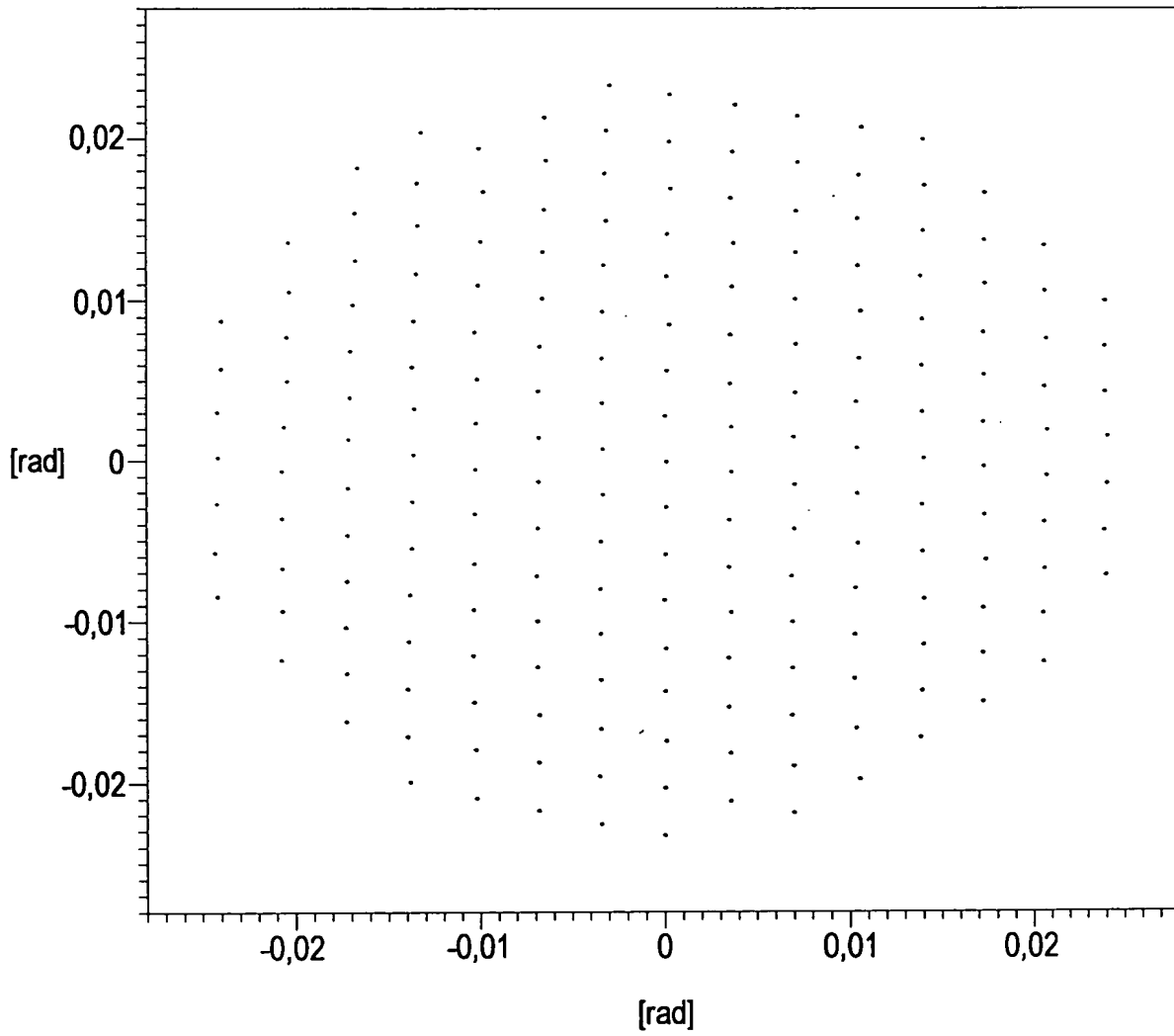


Fig.42

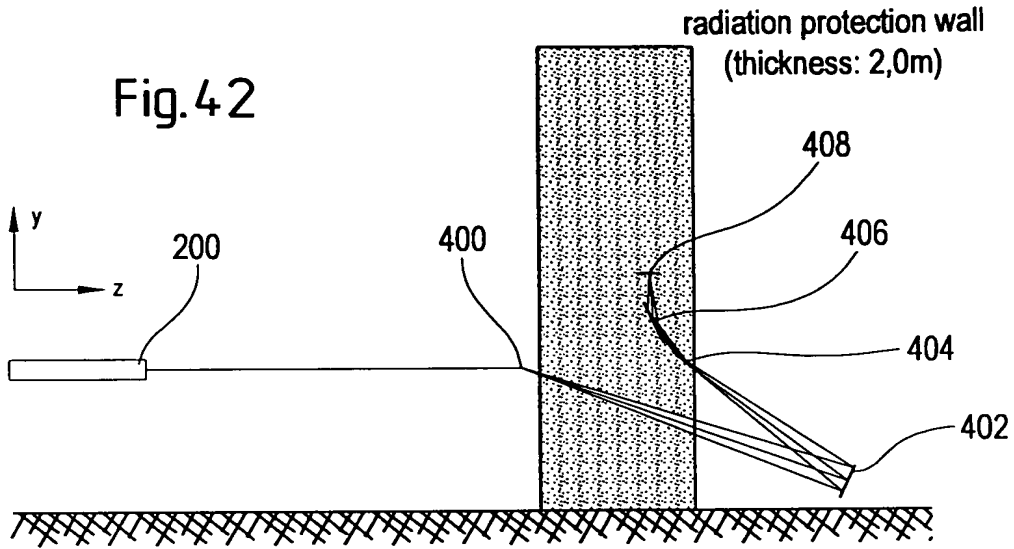


Fig.43

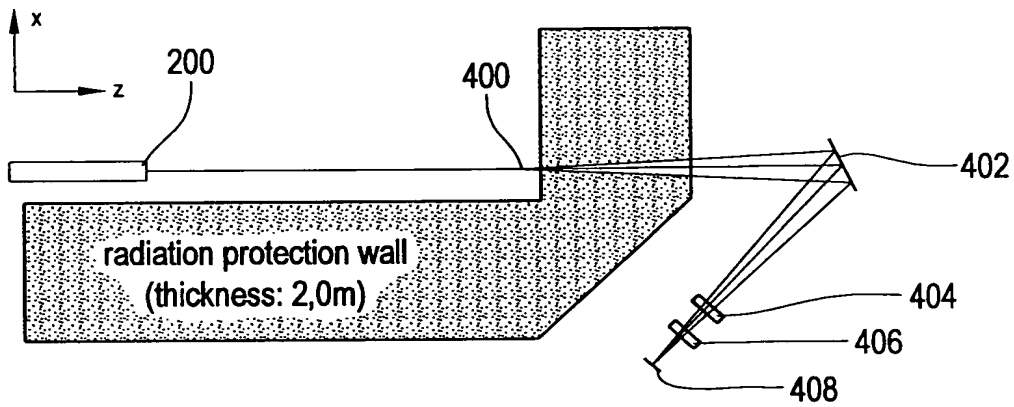
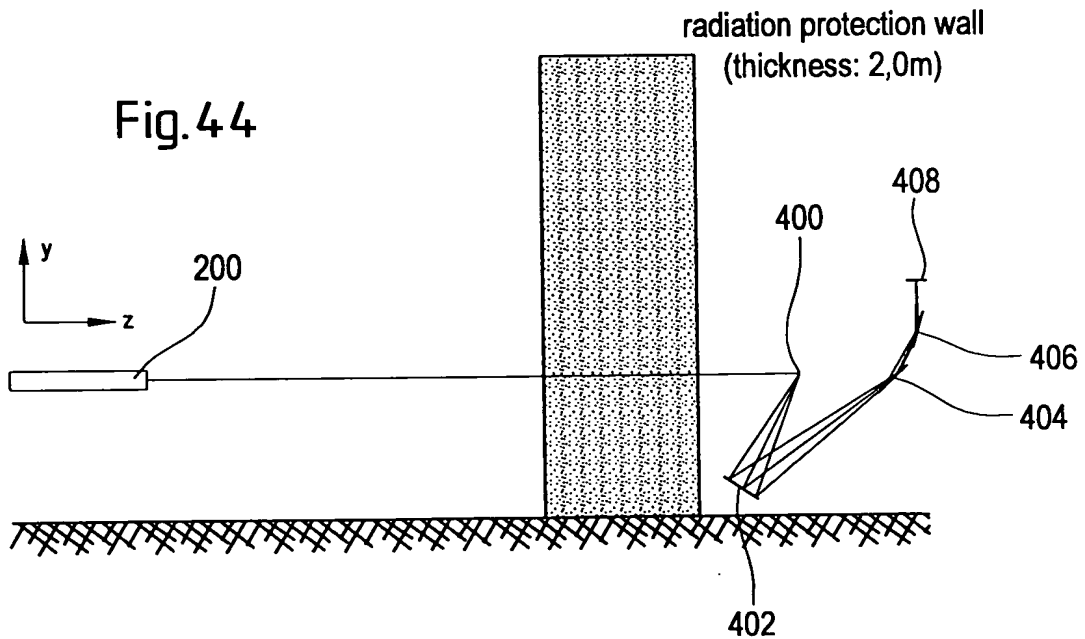


Fig.44



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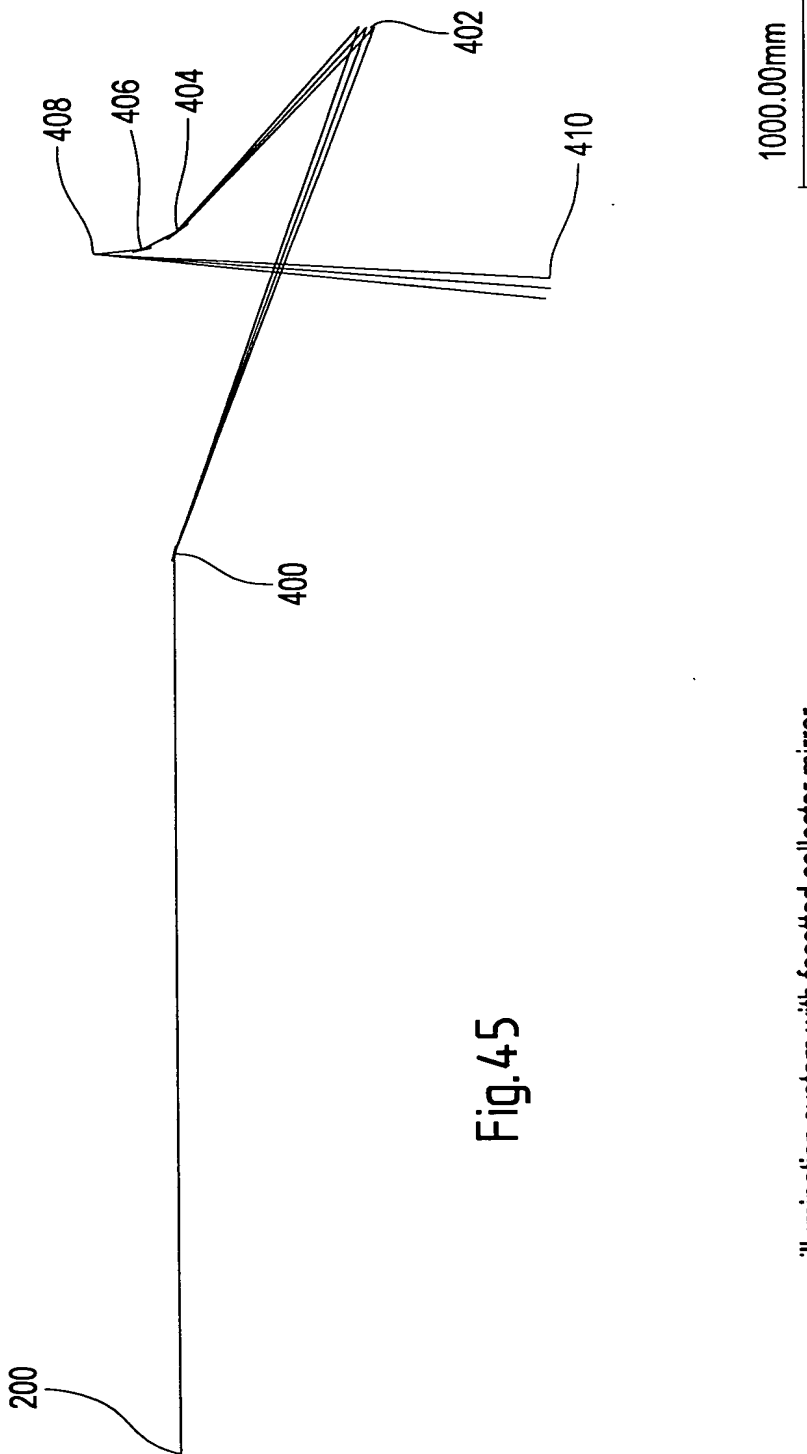
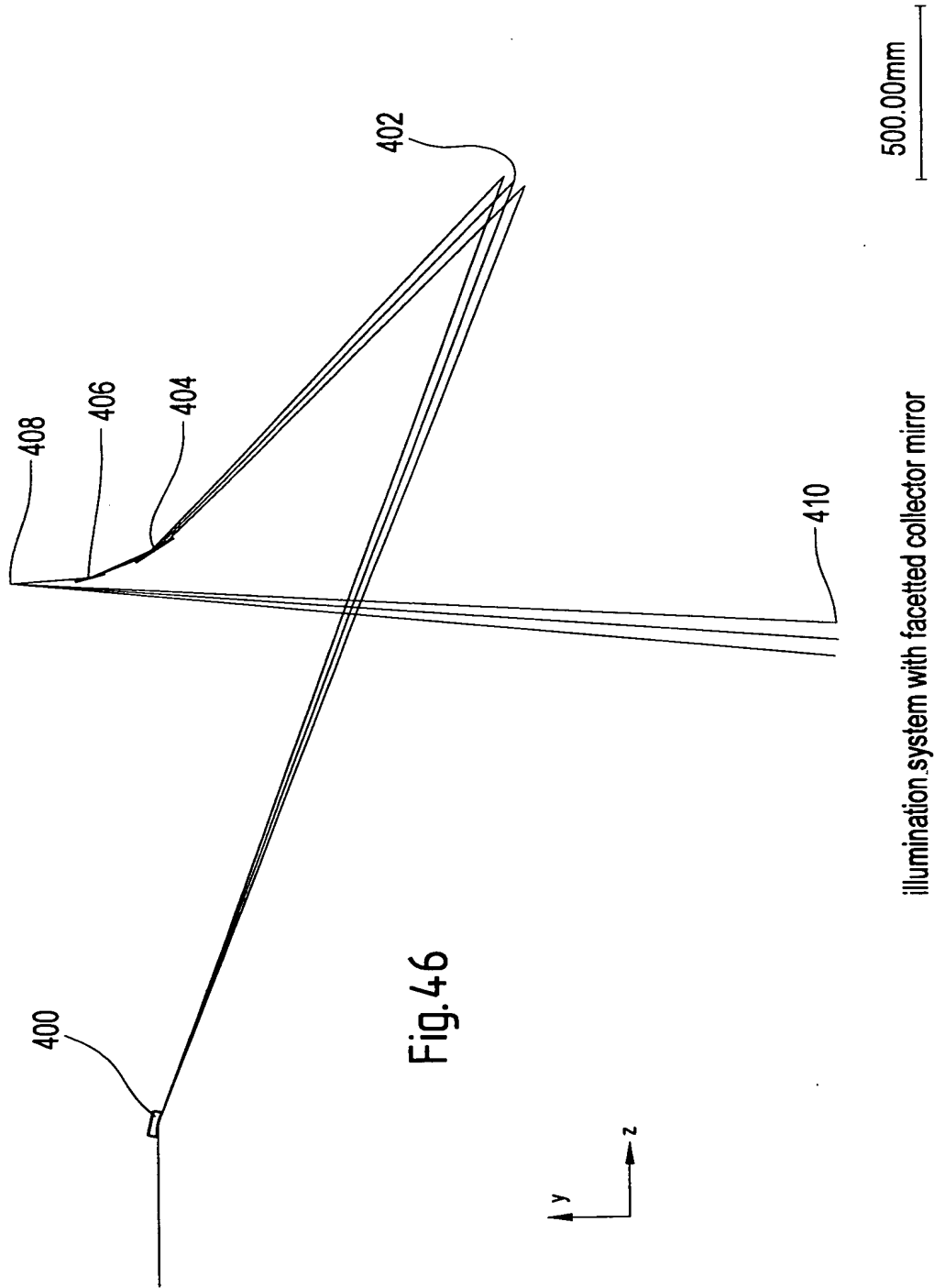


Fig. 45

illumination system with faceted collector mirror

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204060 0/406001

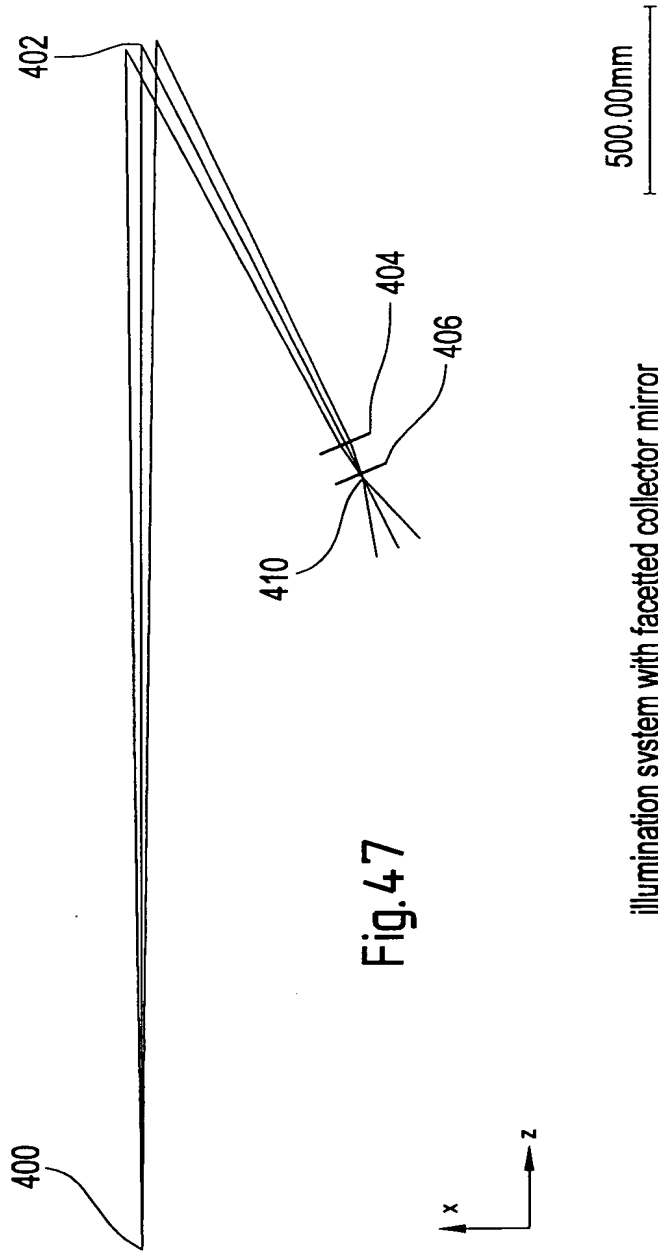


Fig. 47

illumination system with faceted collector mirror

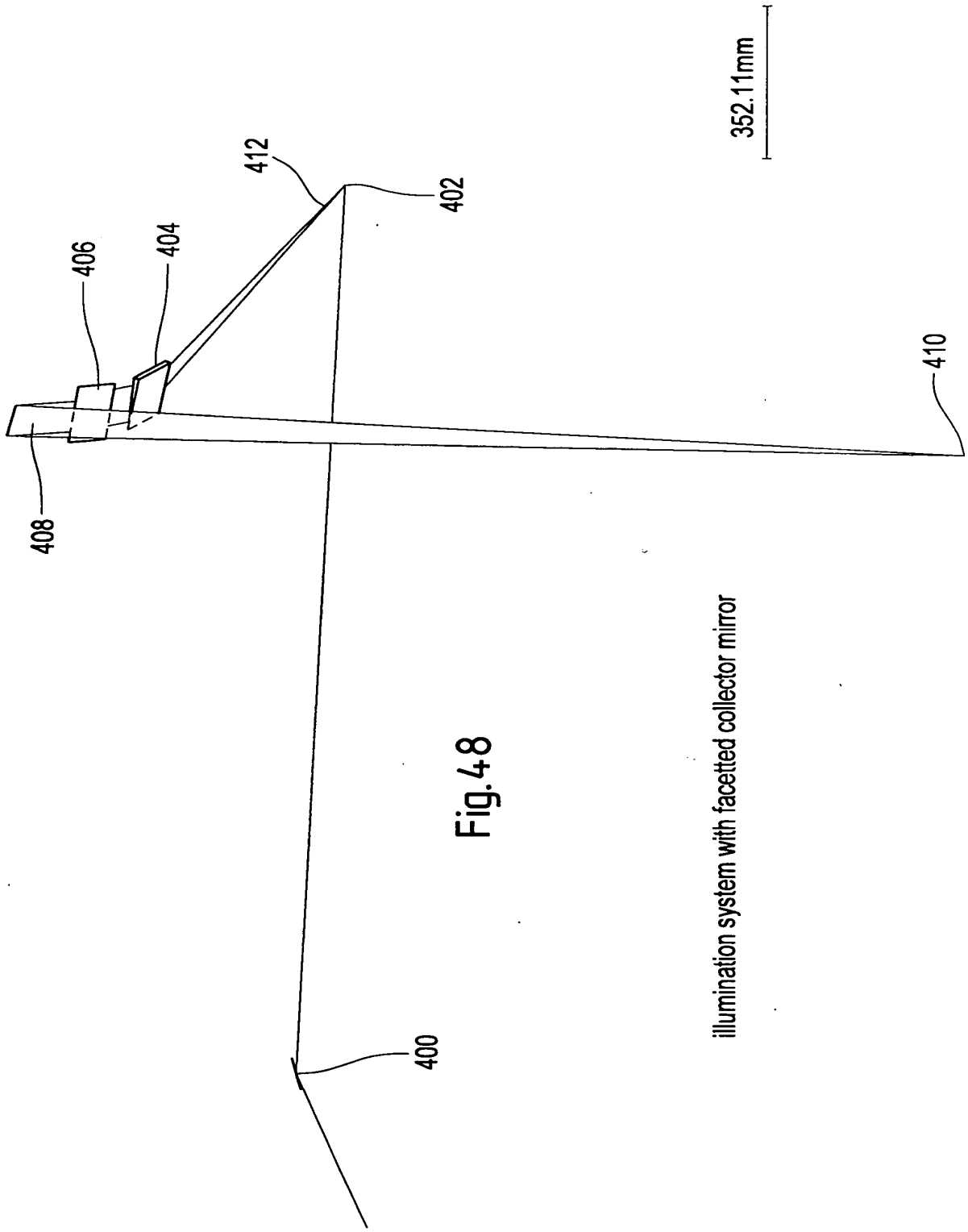
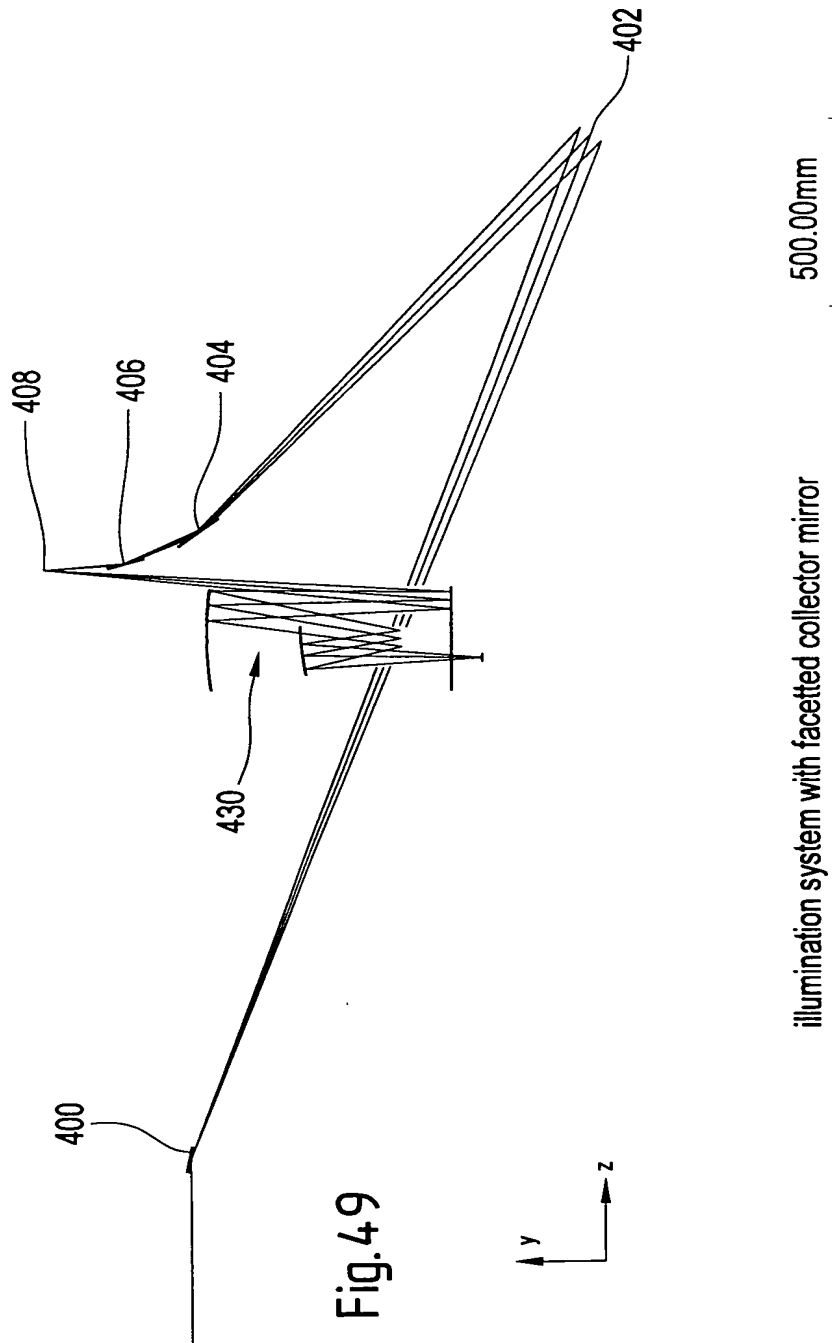


Fig. 48

illumination system with faceted collector mirror

2040000 0240600



204433ED 0/4065007

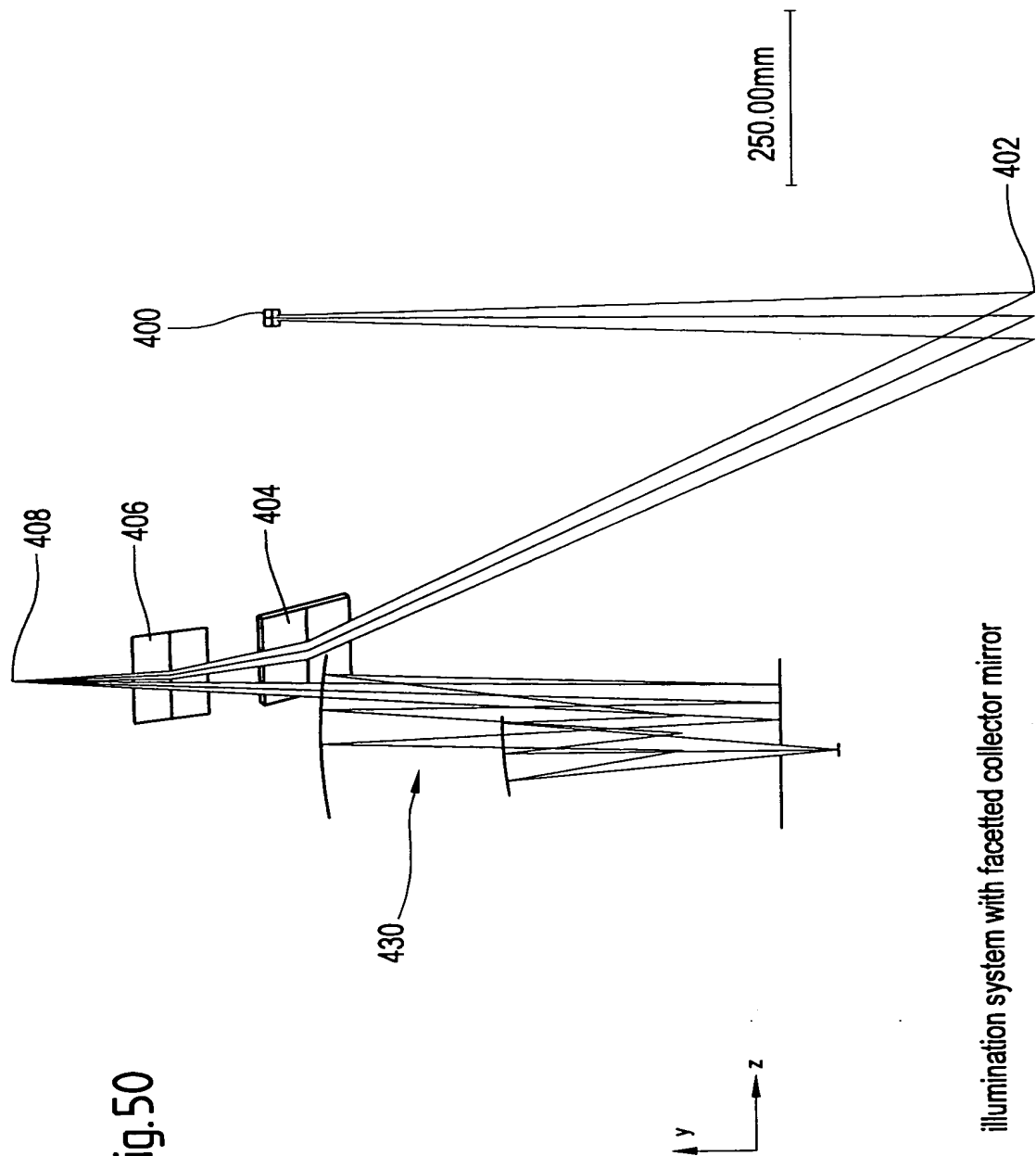


Fig.50

illumination system with faceted collector mirror

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Fig.51

illumination of the reticle with faceted collector mirror

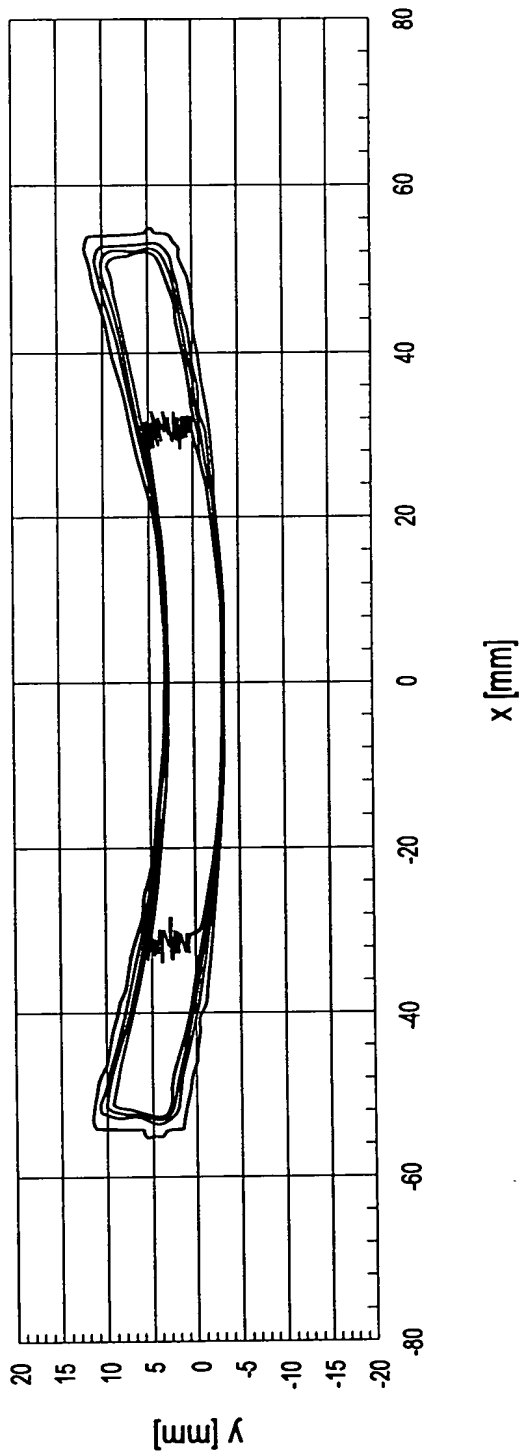


Fig.52

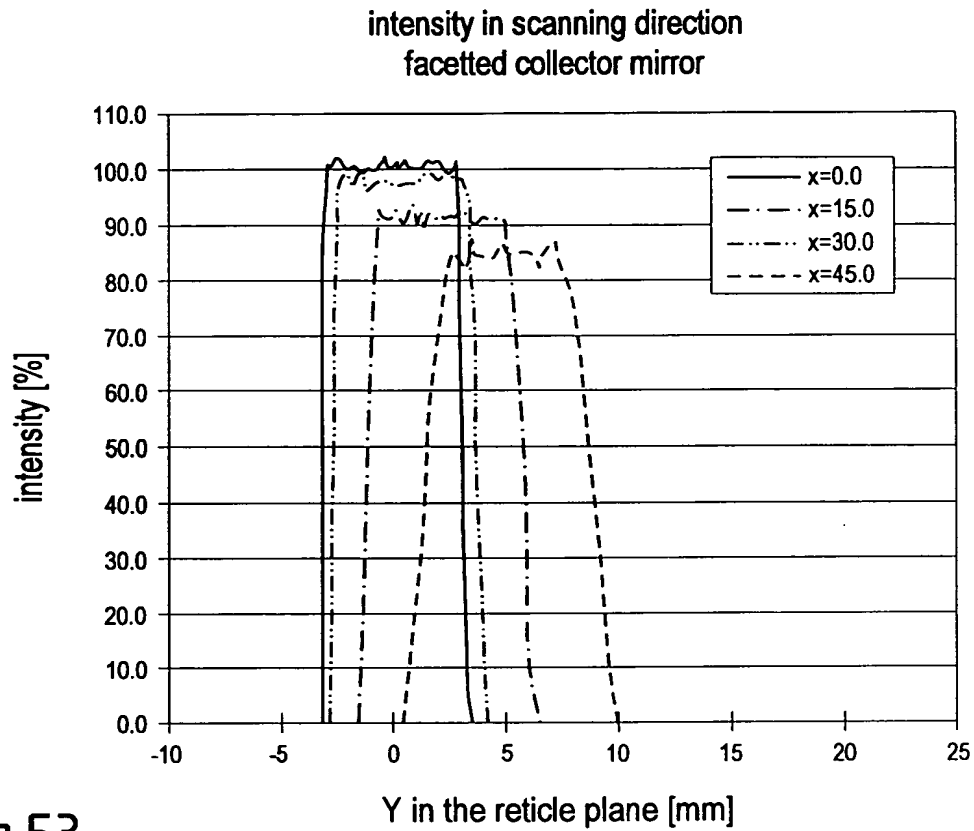
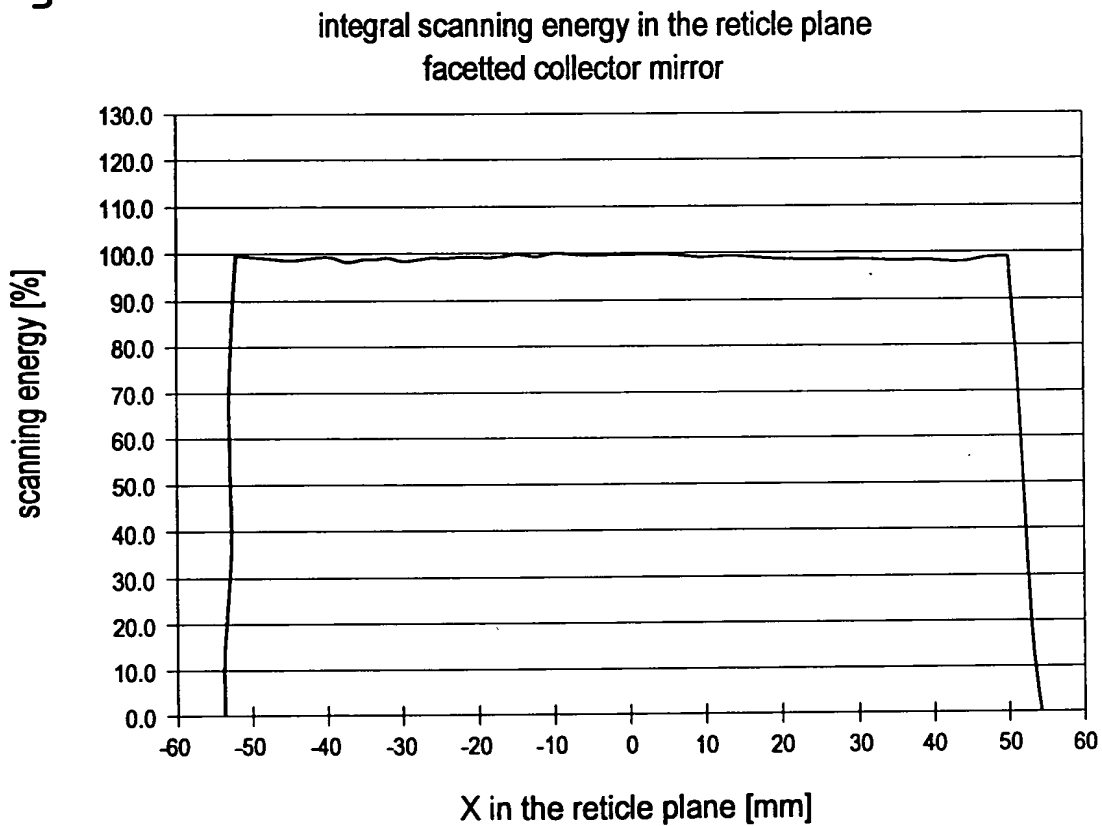


Fig.53



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204050 07405001

Fig.54

facetted collector mirror : pupil illumination

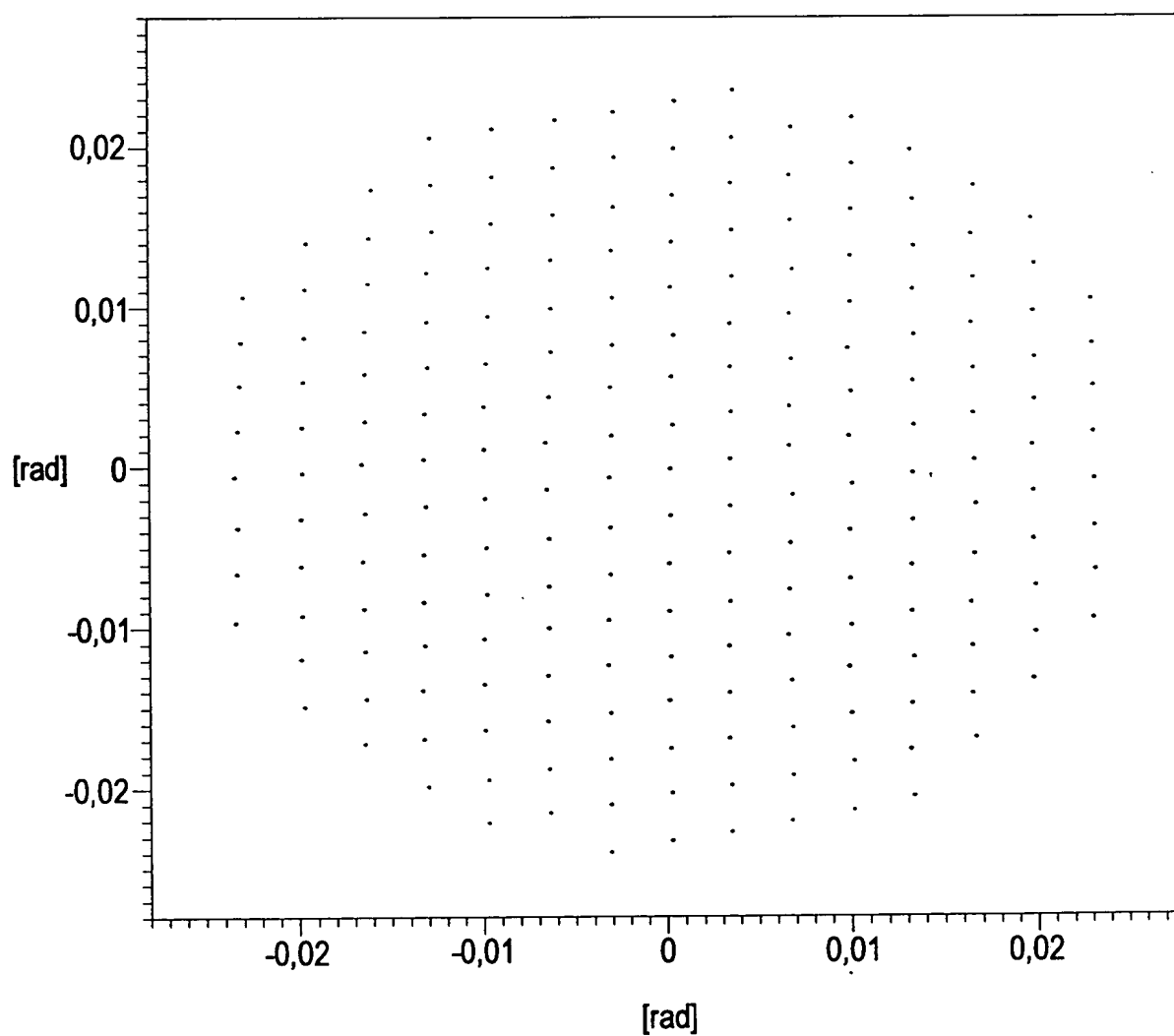


Fig. 55a

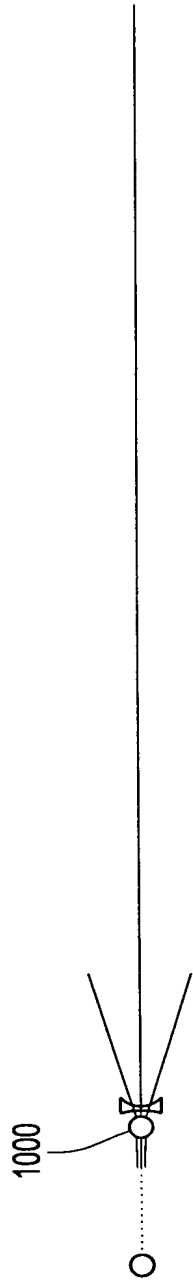
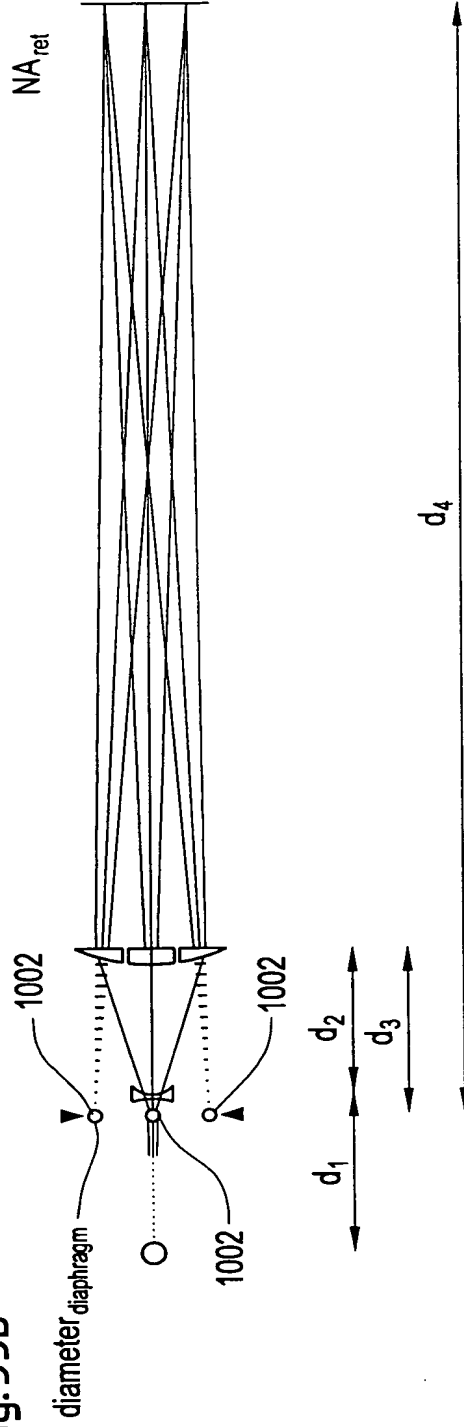


Fig. 55b



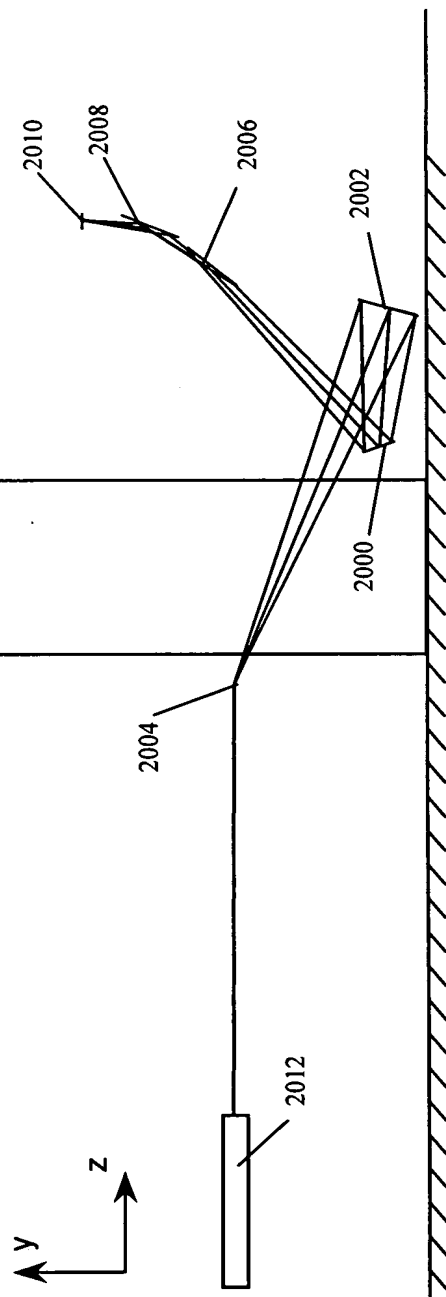


FIG. 56

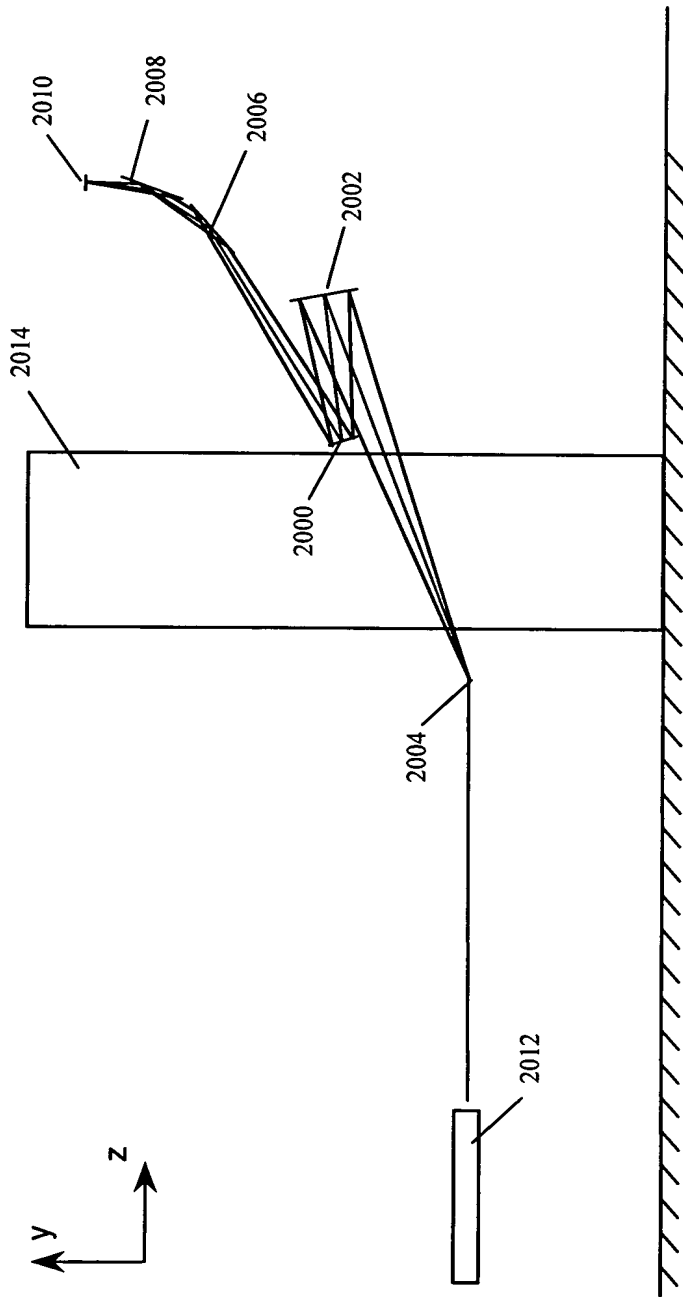


FIG. 57

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204020" 0240600T

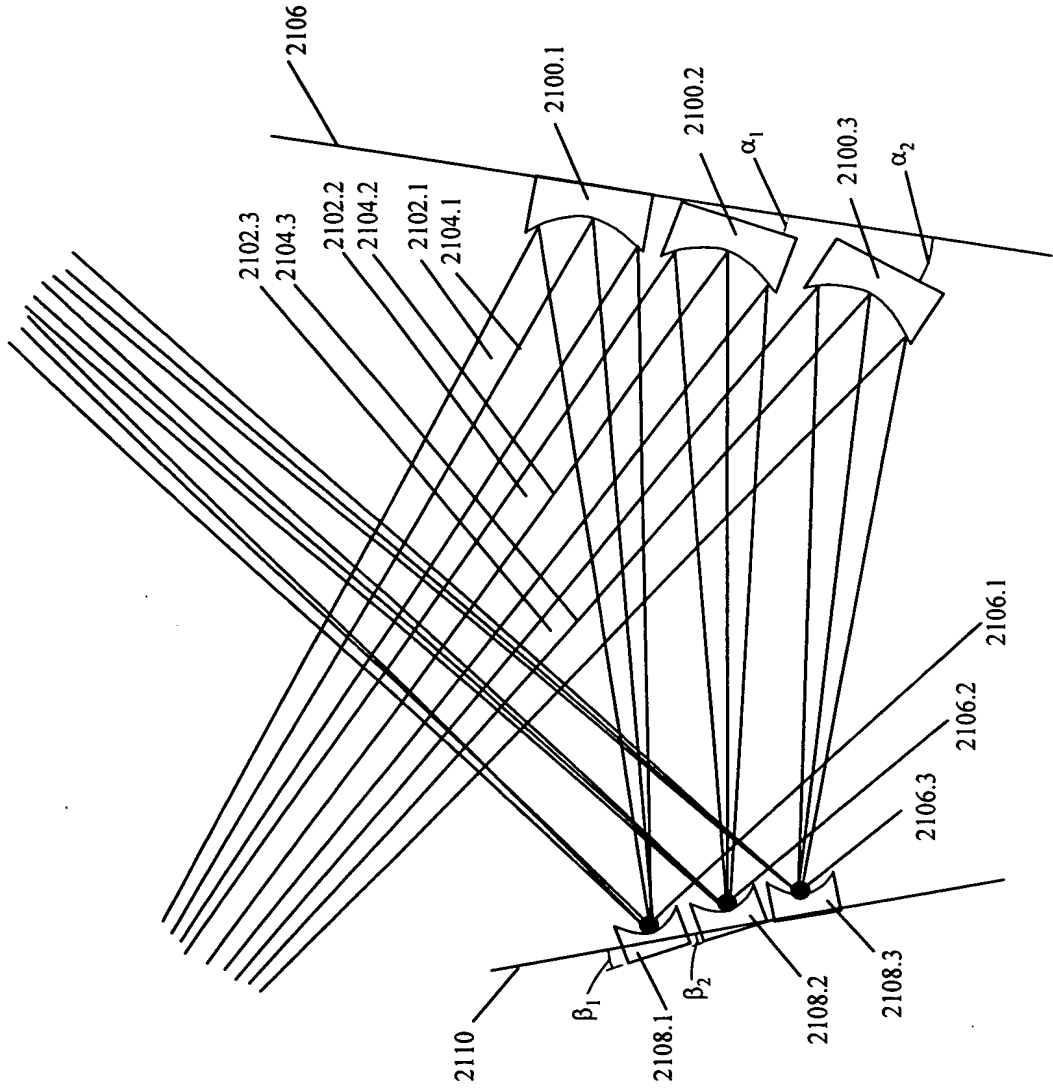


FIG. 58